

File 16:Gale Group PROMT(R) 1990-2006/Feb 09
(c) 2006 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2006/Feb 10
(c)2006 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2006/Feb 09
(c) 2006 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Feb 10
(c) 2006 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2006/Feb 09
(c) 2006 The Gale Group
File 9:Business & Industry(R) Jul/1994-2006/Feb 09
(c) 2006 The Gale Group
File 15:ABI/Inform(R) 1971-2006/Feb 10
(c) 2006 ProQuest Info&Learning
File 20:Dialog Global Reporter 1997-2006/Feb 09
(c) 2006 Dialog
File 95:TEME-Technology & Management 1989-2006/Feb W1
(c) 2006 FIZ TECHNIK
File 476:Financial Times Fulltext 1982-2006/Feb 11
(c) 2006 Financial Times Ltd
File 610:Business Wire 1999-2006/Feb 10
(c) 2006 Business Wire.
File 613:PR Newswire 1999-2006/Feb 09
(c) 2006 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2006/Feb 10
(c) 2006 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2006/Feb 09
(c) 2006 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 88:Gale Group Business A.R.T.S. 1976-2006/Feb 06
(c) 2006 The Gale Group
File 647:CMP Computer Fulltext 1988-2006/Feb W3
(c) 2006 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/Oct W2
(c) 2005 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2006/Feb 10
(c) 2006 Dialog
File 369:New Scientist 1994-2006/Aug W4
(c) 2006 Reed Business Information Ltd.
File 484:Periodical Abs Plustext 1986-2006/Feb W1
(c) 2006 ProQuest
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 553:Wilson Bus. Abs. 1982-2004/Dec
(c) 2005 The HW Wilson Co

Set	Items	Description
S1	1052975	(DOWNLOAD? OR UPLOAD? OR (UP OR DOWN) ()LOAD? OR TRANSMIT? - OR TRANSMISS? OR DELIVER?) (5N) (SOFTWARE OR APPLICATION OR APP OR APPS OR PROGRAM? ?)
S2	19326	LICENS?(3N) (AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS? OR VERIF?)
S3	3369	LICENS?(3N) (ENCRYPT? OR DECRYPT?)
S4	2362	(SERIAL()NUMBER? ?) (5N) (MATCH? OR IDENTIF??? OR CONFIRM? OR RECOGNI?)
S5	631	(SERIAL()NUMBER? ?) (5N) (AUTHENTICAT? OR VERIF? OR VALIDAT?)

S6	228	(SERIAL()NUMBER? ?) (5N) (CREAT? ? OR CREATING)
S7	115676	(DISABL? OR ABORT? ? OR DISCONNECT? OR TERMINAT? OR HALT? ? OR DIENGAG? OR STOP? ? OR STOPPING) (5N) (SOFTWARE OR APPLICA- TION OR APP OR APPS OR PROGRAM? ?)
S8	17	XYBO()SYSTEM?
S9	621	AU=(HO, R? OR HO R? OR FUNG, E? OR FUNG E?)
S10	178	S1(S) (S2 OR S3)
S11	0	S10(S) (S4 OR S5)
S12	0	S10(S)S6
S13	2	S10(S)S7
S14	1	RD (unique items)
S15	2	S10(S) (S6 OR S7)
S16	1	S15 NOT S14
S17	37	S1(S) (S4 OR S5)
S18	20	RD (unique items)
S19	0	S17(S) (S6 OR S7)
S20	2350	S1(S) (S6 OR S7)
S21	9	S8 NOT PY>2000
S22	7	RD (unique items)
S23	0	S9(S)S1
?		

14/5/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

03900038 SUPPLIER NUMBER: 06967948 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Second Annual Directory of Human Resources Services, Products and
Suppliers, January 1989. (directory)**
Personnel, v66, n1, pD1(167)
Jan, 1989
DOCUMENT TYPE: directory ISSN: 0031-5702 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 155534 LINE COUNT: 14711

ABSTRACT: The second annual Personnel Directory of Human Resources
Services and Products and Suppliers contains information on the following
topics: awards, benefits, computers, consultants, publishers, recruitment,
relocation, security, temporary help, and training services and and
products. There is also an alphabetical listing of services, products and
suppliers.

INDUSTRY CODES/NAMES: INSR Insurance and Human Resources
DESCRIPTORS: Personnel (Periodical)--Advertising; Personnel management--
Marketing
FILE SEGMENT: MC File 75

16/3,K/1 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2006 The Gale Group. All rts. reserv.

02254266 SUPPLIER NUMBER: 06967948
**Second Annual Directory of Human Resources Services, Products and
Suppliers, January 1989. (directory)**
Personnel, v66, n1, pD1(167)
Jan, 1989
DOCUMENT TYPE: directory ISSN: 0031-5702 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 120074 LINE COUNT: 14711

... flexible spending account
administration; administration of cafeteria
("flex") plans; benefit plan design consulting;
procurement of: **stop** loss insurance,
life insurance, short and long-term
disability.
Alan S. Jones, Executive Director Corporate...

18/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

10465984 Supplier Number: 101529301 (USE FORMAT 7 FOR FULLTEXT)
**AT&T launches Web Cents. (prepaid cards for online game sites and software
downloads, etc., US) (Brief Article)**
Convenience Store News, v39, n6, p16(1)
May 5, 2003
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 107

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Prepaid Web Cents cards will be sold in varying dollar amounts with each
containing a **serial number** and **authentication** PIN to be entered
online. The cards, introduced in April, are so far being sold for
pay-per-view Web sites, such as game sites and **software downloads**.

18/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

09415299 Supplier Number: 82521233 (USE FORMAT 7 FOR FULLTEXT)
**Peer Pressure: Securing P2P Networking -- Peer-to-peer technology
circumvents firewalls and lays your network open to threats ranging from
viruses to data theft. How can you defend yourself?**
Hurwicz, Michael
Network Magazine, p60
Feb 1, 2002
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3609

... P2P clients and browsers, people are still responsible for
validating certificates.
For instance, when you **download** a digitally signed piece of
software, your browser will display the information about the certificate,
including who issued it, the **serial number**, and the **validation**
period. You then click OK to accept it. You can check a certificate's
current...

18/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

08180346 Supplier Number: 68608114 (USE FORMAT 7 FOR FULLTEXT)
Wellspring Announces First Complete Water Sub-Utility.
PR Newswire, p4808
Jan 2, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1380

... a twisted shielded pair of wires (RS 485), or via a secondary
spread spectrum radio **transmission**.

AQURA REMOTE SOFTWARE -- Consumption data is solicited weekly via dial-up connection by a Windows NT Workstation. Each Aqura transmitter **serial number** is **matched** against the database that identifies the meter location. Consumption is recorded and posted on the...

18/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

08073262 Supplier Number: 67336065 (USE FORMAT 7 FOR FULLTEXT)
Java-based Application Installer. (New Java-based Application Installer - Create distribution packages easily with this Java-based application) (Software Review) (Evaluation)

Deignan, Michael P.
WinMag.com, pNA
Nov 22, 2000
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 692

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...password-protected installation sets, with specific features activated by different passwords. There is also a **serial number** generator/**verifier** as well as support for 29 different languages (the Standard Edition includes support for 9...

...s panels are simple to navigate and allow rapid configuration of an installation set. I **downloaded** the **program** from the company's web site and installed my test copy of InstallAnywhere in just...

...of InstallAnywhere's feature set, the outlay is not unreasonable. A trial version of the **software** is available for **download** at the company's web site.

18/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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08064997 Supplier Number: 67187235 (USE FORMAT 7 FOR FULLTEXT)
Java-based Application Installer. (Product Announcement)

Deignan, Michael P.
WinMag.com, pNA
Nov 20, 2000
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Magazine/Journal; Trade
Word Count: 692

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...password-protected installation sets, with specific features activated by different passwords. There is also a **serial number** generator/**verifier** as well as support for 29 different languages (the Standard Edition includes support for 9...

...s panels are simple to navigate and allow rapid configuration of an

installation set.I **downloaded** the **program** from the company's web site and installed my test copy of InstallAnywhere in just...
...of InstallAnywhere's feature set, the outlay is not unreasonable. A trial version of the **software** is available for **download** at the company's web site.

18/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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08064421 Supplier Number: 67152836 (USE FORMAT 7 FOR FULLTEXT)
Java-based Application Installer. (New Java-based Application Installer - Create distribution packages easily with this Java-based application)
Deignan, Michael P.
WinMag.com, pNA
Nov 17, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 692

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...password-protected installation sets, with specific features activated by different passwords. There is also a **serial number** generator/**verifier** as well as support for 29 different languages (the Standard Edition includes support for 9...

...s panels are simple to navigate and allow rapid configuration of an installation set.I **downloaded** the **program** from the company's web site and installed my test copy of InstallAnywhere in just...
...of InstallAnywhere's feature set, the outlay is not unreasonable. A trial version of the **software** is available for **download** at the company's web site.

18/3,K/7 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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08056475 Supplier Number: 66959965 (USE FORMAT 7 FOR FULLTEXT)
Java-based Application Installer. (Zero G Software InstallAnywhere) (Software Review) (Evaluation)
Deignan, Michael P.
WinMag.com, pNA
Nov 14, 2000
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 692

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...password-protected installation sets, with specific features activated by different passwords. There is also a **serial number** generator/**verifier** as well as support for 29 different languages (the Standard Edition includes support for 9...

...s panels are simple to navigate and allow rapid configuration of an installation set.I **downloaded** the **program** from the company's web site

and installed my test copy of InstallAnywhere in just...
...of InstallAnywhere's feature set, the outlay is not unreasonable. A
trial version of the **software** is available for **download** at the
company's web site.

18/3,K/8 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

06703357 Supplier Number: 56062703 (USE FORMAT 7 FOR FULLTEXT)
A requiem for Divx.
One to One, p25
August, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2163

... proprietary disc verification system. These accomplishments are
particularly significant when it is considered that Divx **delivered** the
first commercial **application** of BCA. BCA allowed discs to be individually
serialized with a bar code that can...

...is particularly attractive to many software companies that wish to use
the BCA hard coded **serial number** that can be **verified** during
installation as an authentication and anti- piracy feature. The
verification system that Divx delivered...

18/3,K/9 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

11590753 SUPPLIER NUMBER: 55937476 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Payment processing in electronic commerce.
Larson, Linda Lee
CPA Journal, 69, 1, 66(2)
Jan, 1999
ISSN: 0732-8435 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1953 LINE COUNT: 00155

... CyberCash and downloads the CyberCoins token on his or her personal
computer. (CyberCoin tokens are **identified** by **serial number** and
denomination and must be digitally signed by the issuing bank.) The
customer can go...

18/3,K/10 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

06214502 SUPPLIER NUMBER: 12786299 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PCs on the plant floor: plenty of options, plenty of applications.
(personal computers)
Jasany, Leslie C.
Penton's Controls & Systems, v39, n7, p12(4)
July, 1992
ISSN: 1061-0235 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1892 LINE COUNT: 00152

... process and then route them to the proper clean room, all tracked by bar coded **serial numbers** . PlantWorks **recognizes** the **serial number** and knows the quantity of parts to send to the clean room and then to...

18/3,K/11 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

04488470 Supplier Number: 57598943 (USE FORMAT 7 FOR FULLTEXT)

WHO YOU GONNA TRUST?

Electronic Commerce News, v4, n46, pNA
Nov 15, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; General
Word Count: 333

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...reporting back found musical content and preferences to the company. The software also created a **serial number** to **identify** the user. The lawsuit, Starett v. RealNetworks (...Center, a privacy advocacy group, TRUSTe declined to investigate the company. TRUSTe representatives said a **software download** was outside the sphere of its privacy promise, which only governs the practices of business...

18/3,K/12 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2006 The Gale Group. All rts. reserv.

03034040 Supplier Number: 101529301

AT&T launches Web Cents.

(prepaid cards for online game sites and software downloads, etc., US)

Convenience Store News, v 39, n 6, p 16

May 05, 2003

DOCUMENT TYPE: Journal; News Brief ISSN: 0194-8733 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 97

TEXT:

...Prepaid Web Cents cards will be sold in varying dollar amounts with each containing a **serial number** and **authentication** PIN to be entered online. The cards, introduced in April, are so far being sold for pay-per-view Web sites, such as game sites and **software downloads** .

AT&T expects the cards to be available in 4,000 Uni-Marts and Speedway...

18/3,K/13 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

02162131 55104555

Privacy and ethical issues in database/interactive marketing and public policy: A research framework and overview of the special issue

Milne, George R

Journal of Public Policy & Marketing v19n1 PP: 1-6 Spring 2000

ISSN: 0743-9156 JRNL CODE: JMP

WORD COUNT: 4694

...TEXT: software program for listening to music on computers. The company was recently sued for using **software** to **transmit** information about users' listening practices across the Web to company headquarters. The software provided details about which music each customer listened to, the number of songs they copied, and a **serial number** that was **matched** with a consumer's e-mail address. The lawsuit claimed that the transmission of user...

18/3,K/14 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

00627180 92-42282

PCs on the Plant Floor: Plenty of Options, Plenty of Applications

Jasany, Leslie C.

Controls & Systems v39n7 PP: 12-15 Jul 1992

ISSN: 0896-6052 JRNL CODE: PDE

WORD COUNT: 1671

...TEXT: to the AS/400 through the use of a Token-Ring network.

DAE and PlantWorks **software** track the **delivery** of the disc drive parts to the correct process and then route them to the proper clean room, all tracked by bar coded **serial numbers**. PlantWorks **recognizes** the **serial number** and knows the quantity of parts to send to the clean room and then to...

18/3,K/15 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2006 Dialog. All rts. reserv.

08763144 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Christmas Specials: PRIVACY: Living in the global goldfish bowl: Once private eyes had to spend long hours in 'stake-outs', to rummage in dustbins, and to knock on neighbour's doors to find out anything about their targets. But, as our reporter discovered

ECONOMIST

December 18, 1999

JOURNAL CODE: FECN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4345

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... RealNetworks claims that it never stored the information and that it is now modifying its **software** so that it no longer **transmits** the statistics.)

Buchanan International, a Scottish software firm which specialises in Internet monitoring and security...

18/3,K/16 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2006 Dialog. All rts. reserv.

08581471

BF Realnetworks to be sued for privacy infringement

Sylvia Keys

10-Feb-06 06:40 PM

BUSINESS AND FINANCE

November 18, 1999

JOURNAL CODE: FBFN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 95

... music CDs each customer listens to and how many songs were copied, along with a **serial number** to **identify** him/her. RealNetworks insists that it never stored the information.

18/3,K/17 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

08206134 (USE FORMAT 7 OR 9 FOR FULLTEXT)

RealNetworks sued over privacy issue

TIMES OF INDIA

November 13, 1999

JOURNAL CODE: WTIN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 300

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... music CDs each customer listens to and how many songs he copies, along with a **serial number** that could be used to **identify** him.

After fierce criticism began rippling through cyberspace, RealNetworks apologised to consumers last week and...

18/3,K/18 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

08035827 (USE FORMAT 7 OR 9 FOR FULLTEXT)

RealNetworks to Block Secret User-Profiling Component of Music Software

Ted Bridis

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CONTRA COSTA TIMES - WALNUT CREEK, CALIFORNIA)

November 02, 1999

JOURNAL CODE: KCCT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 487

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... music CDs each customer listens to and how many songs he copies, along with a **serial number** that could be used to **identify** him.

RealNetworks insisted it never stored the information, which would have been lucrative for marketing...

18/3,K/19 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2005 IDG Communications. All rts. reserv.

073031

**Some Intel mobile chips broadcast ID numbers
Intel to offer patch**

Byline: JUAN CARLOS P&EACUTE; REZ

Journal: Network World

Publication Date: March 11, 1999

Word Count: 468

Line Count: 40

Text:

... it announced several weeks ago that its new Pentium III processors would have a unique **serial number**, which Intel said would help **identify** parties in a transaction and make electronic commerce more secure. Groups that advocate consumer privacy...

... feature could compromise the privacy of users. To address the issue, Intel has offered a **software** patch that can be **downloaded** from the Internet and used to disable the security number. The company has also provided...

18/3,K/20 (Item 2 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

(c) 2005 IDG Communications. All rts. reserv.

049250

Two routes to ISDN ACCESS

NetworkWorldReview

Ascend and Gandaff offer two good ISDN access router alternatives

Byline: Bob Larribeau

Journal: Network World Page Number: 43

Publication Date: January 15, 1996

Word Count: 2464 Line Count: 220

Text:

... their performance with two B channels on the MAX 4000 would be better if we **downloaded** new **software** from Ascend. However, the throughput improvement of less than 25% that we saw in our...MAX 4000 also provides callback security. XpressStack authenticates the 5242i with Teleworker Bridge software by **verifying** the **serial number** of the calling 5242i. XpressStack keeps audit records for each call that is attempted, whether...

22/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

13608108 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Canada NewsWire summary of releases for Evening, -3-
CANADA NEWSWIRE
November 02, 2000
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1091

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Hummingbird- partners)
c0769 - MARKHAM, ON : Decision reached on IAMGOLD/Kinbauri litigation
(IAMGOLD-decision)
c0772 - TORONTO : **Xybo Systems** Launches Wireless Applications
Enabler (**Xybo - Systems** -Wireless)
c0773 - VANCOUVER : Absolute Software reports first quarter fiscal
2001 results (Absolute-Software-Q1)
c0776....

22/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

13605653 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Xybo Systems Launches Wireless Applications Enabler
PR NEWSWIRE
November 02, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 391

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Xybo Systems Launches Wireless Applications Enabler

TORONTO, Nov. 2 /PRNewswire/ -- **Xybo Systems**, a leading provider
of Internet appliances, today announced the launch of **Xybo Wireless**
Applications Enabler...

... an expert to implement an elaborate wireless application," said
Raymond Ho, President and CEO of **Xybo Systems**.

To download the product, users only need to register at the company's
website, and...

...with an integrated solution so that they can tap into the growing mobile
population."

About **Xybo Systems**

Xybo Systems is a leading provider of Internet Appliances for
small-to-medium-sized enterprises (SME). We...

... E-Commerce, firewall, Internet server, to the latest WAP-enabling
technology.

/CONTACT: Samantha Tong of **Xybo Systems**, 905-943-7482,
contact@xybo.com/ 16:35 EST

22/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

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13605637 (USE FORMAT 7 OR 9 FOR FULLTEXT)

(CNW) **Xybo Systems Launches Wireless Applications Enabler**

CANADA NEWSWIRE

November 02, 2000

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 393

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(CNW) **Xybo Systems Launches Wireless Applications Enabler**

TORONTO, Nov. 2 /CNW/ -- **Xybo Systems**, a leading provider of Internet appliances, today announced the launch of **Xybo Wireless Applications Enabler**...

...an expert to implement an elaborate wireless application," said Raymond Ho, President and CEO of **Xybo Systems**.

To download the product, users only need to register at the company's website, and...

...with an integrated solution so that they can tap into the growing mobile population."

About **Xybo Systems**

Xybo Systems is a leading provider of Internet Appliances for small-to-medium-sized enterprises (SME). We...

...firewall, Internet server, to the latest WAP-enabling technology.

/For further information: Samantha Tong of **Xybo Systems**, 905-943-7482, contact(at)xybo.com/ 16:37 ET

22/3,K/4 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2006 Dialog. All rts. reserv.

12717229 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Canada NewsWire summary of releases for Afternoon, -3-

CANADA NEWSWIRE

September 06, 2000

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 559

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... CDPQ - French firm Groupe BBSP enters North American market (a-CDPQ-BBSP-America)

c1075 - TORONTO : **Xybo Systems** To Deliver First Turnkey Solution for Developing and Deploying WAP Applications (**Xybo - systems -WAP**)

c1080 - MISSISSAUGA, ON : Telus Mobility offers cellular users new i-Web(TM) Data Services...

22/3,K/5 (Item 5 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2006 Dialog. All rts. reserv.

12717189 (USE FORMAT 7 OR 9 FOR FULLTEXT)

(CNW) **Xybo Systems To Deliver First Turnkey Solution for Developing and Deploying WAP Applications**

CANADA NEWSWIRE

September 06, 2000

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 392

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(CNW) Xybo Systems To Deliver First Turnkey Solution for Developing and Deploying WAP Applications

TORONTO, Sept. 6 /CNW/ -- **Xybo Systems**, a leading provider of Internet appliances, is planning a worldwide debut for a turnkey solution ...

... to create an elaborate WAP application," said Raymond Ho, president and chief executive officer of **Xybo Systems**. "Our goal is to empower organizations with an integrated WAP solution so that they can...

...xybo.com), and publish their completed WAP applications to a free portal site maintained by **Xybo Systems**.

WAP, or Wireless Application Protocol, is a global standard for mobile communication jointly defined by...

... totally untapped market with the potential of reaching 530 million wireless device users worldwide.

About Xybo Systems

Xybo Systems is a leading provider of Internet Appliances for small-to-medium-sized enterprises (SME). We...

...firewall, Internet server, to the latest WAP-enabling tools.

/For further information: Samantha Tong of **Xybo Systems**, 905-943-7482, or e-mail contact(at)xybo.com/ 14:04 ET

22/3,K/6 (Item 6 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
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12713817 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Xybo Systems To Deliver First Turnkey Solution for Developing and Deploying WAP Applications

PR NEWSWIRE

September 06, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 390

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Xybo Systems To Deliver First Turnkey Solution for Developing and Deploying WAP Applications

TORONTO, Sept. 6 /PRNewswire/ -- **Xybo Systems**, a leading provider of Internet appliances, is planning a worldwide debut for a turnkey solution...

... to create an elaborate WAP application," said Raymond Ho, president and chief executive officer of **Xybo Systems**. "Our goal is to empower organizations with an integrated WAP solution so that they can...

...xybo.com), and publish their completed WAP applications to a free portal site maintained by **Xybo Systems**.

WAP, or Wireless Application Protocol, is a global standard for mobile communication jointly defined by...

... totally untapped market with the potential of reaching 530 million

wireless device users worldwide.

About **Xybo Systems**

Xybo Systems is a leading provider of Internet Appliances for small-to-medium-sized enterprises (SME). We...

...E-Commerce, firewall, Internet server, to the latest WAP-enabling tools.

/CONTACT: Samantha Tong of **Xybo Systems**, 905-943-7482, or e-mail contact@xybo.com/ 14:03 EDT

22/3,K/7 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

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00408938 20000906HSNATL4 (USE FORMAT 7 FOR FULLTEXT)

PR Newswire National Summary, Wednesday, Sept. 6, 2 to 4 P.M., EDT

PR Newswire

Wednesday, September 6, 2000 16:35 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 2,583

...Using SpotLife's

Personal Video Broadcasting

NYW131 09/06/2000 14:03 r f bc- **Xybo - systems** -WAP

(TORONTO) **Xybo Systems** To Deliver First Turnkey Solution for Developing and Deploying WAP Applications

DCW057 09/06/2000...

?

File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office
File 347:JAPIO Nov 1976-2005/Oct(Updated 060203)
(c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200610
(c) 2006 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2006/Jan W05
(c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060119,UT=20060112
(c) 2006 WIPO/Univentio
File 331:Derwent WPI First View UD=200610
(c) 2006 Thomson Derwent
File 351:Derwent WPI 1963-2006/UD,UM &UP=200610
(c) 2006 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	121385	(DOWNLOAD? OR UPLOAD? OR (UP OR DOWN)()LOAD? OR TRANSMIT? - OR TRANSMISS? OR DELIVER?) (5N) (SOFTWARE OR APPLICATION OR APP OR APPS OR PROGRAM? ?)
S2	1584	LICENS?(3N) (AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS? OR VERI- F?)
S3	762	LICENS?(3N) (ENCRYPT? OR DECRYPT?)
S4	3088	(SERIAL()NUMBER? ?) (5N) (MATCH? OR IDENTIF??? OR CONFIRM? OR RECOGNI?)
S5	890	(SERIAL()NUMBER? ?) (5N) (AUTHENTICAT? OR VERIF? OR VALIDAT?)
S6	81	(SERIAL()NUMBER? ?) (5N) (CREAT? ? OR CREATING)
S7	28472	(DISABL? OR ABORT? ? OR DISCONNECT? OR TERMINAT? OR HALT? ? OR DIENGAG? OR STOP? ? OR STOPPING) (5N) (SOFTWARE OR APPLICA- TION OR APP OR APPS OR PROGRAM? ?)
S8	0	XYBO()SYSTEM?
S9	327	AU=(HO, R? OR HO R? OR FUNG, E? OR FUNG E?)
S10	565	S1 AND (S2 OR S3)
S11	56	S10 AND (S4 OR S5)
S12	23	S11 AND S7
S13	15	S12 AND IC=G06F
S14	0	S11 AND S6
S15	23	S11 AND S7
S16	8	S15 NOT S13
S17	3	S9 AND S1

13/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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02018271

Method and system for single reactivation of software product licenses
Verfahren und System zur einzigen Wieder-Aktivierung von
Computerprogrammprodukt-Lizenzen
Procede et systeme a reacter des licences d'utilisation de produits
logiciels

PATENT ASSIGNEE:

MICROSOFT CORPORATION, (749864), One Microsoft Way, Redmond, WA 98054,
(US), (Applicant designated States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

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Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1622061 A2 060201 (Basic)

APPLICATION (CC, No, Date): EP 2005104197 050518;

PRIORITY (CC, No, Date): US 903942 040730

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IS; IT; LI; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; BA; HR; LV; MK; YU

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0021/00 A I F B 20060101 20051215 H EP

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200605	1238
SPEC A	(English)	200605	5749
Total word count - document A			6987
Total word count - document B			0
Total word count - documents A + B			6987

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0021/00 A I F B 20060101 20051215 H EP

...SPECIFICATION the product and serial numbers are several dozen digits long. The software manufacturer can then **verify** that the software **license** for the specific product is valid. As part of the process, a hardware identifier (HWID...

...the user has upon software activation.

Generally, the manufacturer responds to the user supplied product, **serial number**, and HWID information with a **confirmation** that the information is valid. An activation code may be issued to the user computer...

...every application which has activation protection would require reactivation after a major hardware change, each **application** has the ability to **stop** the legitimate user from accessing his licensed software until a reactivation is performed on every...

...activates a software license on a computer by entering in such information as the product **identifier** and the **serial number** of the software purchased (step 205). The information may be sent via an on-line ...

...activated. This HWID is generally stored in a server along with information concerning the product **identifier** and the **serial number** of the product. A **confirmation** is sent to the user computer that enables the software for use and the HWID...

...a second application may be activated on the user computer by entering in the software **serial number** and product **identifier** (step 215). In one aspect of the invention, the second application may be checked against...from Microsoft Corporation, includes servers, building-block services, such as Web-based data storage, and **downloadable device software**. While exemplary embodiments herein are described in connection with software residing on a computing device...

13/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01753139

License management method and license management system

Verfahren und Vorrichtung zur Lizenzverwaltung

Procede et appareil de gestion de licences

PATENT ASSIGNEE:

VICTOR COMPANY OF JAPAN, LIMITED, (278648), 12, 3-chome, Moriya-cho,
Kanagawa-ku, Yokohama-shi, Kanagawa-ken, 221-8528, (JP), (Applicant
designated States: all)

INVENTOR:

Miyazaki, Yuuki, 1-19-25-403, Kamioookanishi Kounan-ku, Yokohama-shi
Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

HOFFMANN - EITLE (101511), Patent- und Rechtsanwälte Arabellastrasse 4,
81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1434119 A2 040630 (Basic)
EP 1434119 A3 050112

APPLICATION (CC, No, Date): EP 2003029213 031218;

PRIORITY (CC, No, Date): JP 2002374970 021225

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G06F-001/00

ABSTRACT WORD COUNT: 153

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200427	1656
SPEC A	(English)	200427	7048
Total word count - document A			8704
Total word count - document B			0
Total word count - documents A + B			8704

INTERNATIONAL PATENT CLASS (V7): G06F-001/00

...SPECIFICATION user on a recording medium such as a CD-ROM or over the Internet for **downloading**. **Software** distributed in this way can be easily copied. In fact, one copy of software is...

...when payment is confirmed. The user enters the license code when installing the software. This **license** code is **authenticated** by the software to confirm that the user is a legal user.
A problem with...

...information; and a route server that creates a digital signature used as a basis of **authentication**, the **license** management method comprising: a first digital signature creation step of creating, by the product management...

...software expiration date expires, the user is required to perform activation again. Because the function **stops** when the **software** expiration date that is set expires, the software can be used only for a limited...

...software expiration date expires, the user is required to perform activation again. Because the function **stops** when the **software** expiration date that is set expires, the software can be used only for a limited...the digital signature are included. The route server 3 sends this certificate data to the **authentication** server 4 as **license** key certificate data 43 (step S14).

Upon receiving the server expiration date 44 and the...

...user installs purchased software on the user terminal 5. Verifying that the software is regular **software**, releasing the functional limitation, and **terminating** the display of a warning are called activation. Because activation is not yet executed in...

...25 (digital signature) to decrypt the serial number 24 and the product number 23. The **authentication** server 4 compares the **serial number** 24 and the product number 23 **decrypted** from the **license** code 25 with the serial number 24 and the product number 23 sent from the user terminal 5. If they match, the validity of the **license** code 25 is **verified** and the product number 23 and the serial number 24 are accepted.

Conversely, if the...

...is terminated.

Next, when the validity of the product number 23, serial number 24, and **license** code 25 is **verified**, they are compared with the activation information 46. Each time activation is performed, a record...

...in which the product number 23, serial number 24, MAC address, software expiration date 47, **license** code 25, **authentication** server certificate data 45, and created digital signature are included. The authentication server 4 records...

...creates an activation code in which the product number 23, serial number 24, MAC address, **license** code 25, **authentication** server certificate data 45, and created digital signature are included.

In response to the activation...

...compares the product number 23, serial number 24, MAC address, software expiration date 47, and **license** code 25 **decrypted** from the digital signature included in the activation code with the product number 23, serial...

...code. If they match, the validity of the digital signature included in the activation code is **verified** and the product number 23, **serial number** 24, MAC address, software expiration date 47, and license code 25 are accepted.

Conversely, if...

...47 as the expiration date of the software, releases the functional limitation to make all **software** functions available, and **stops** the warning display (step S49). If the software expiration date 47 is not set, the user terminal 5 releases the function limitation to make all **software** functions available forever and **stops** the warning display.

Thus, a sequence of all activation processing is completed.

Because the product...

...expiration date 47 expires, the user is required to perform activation again. Because the function **stops** when the **software** expiration date 47 that is set expires, the software can be used only for a...

...software expiration date expires, the user is required to perform activation again. Because the function **stops** when the **software** expiration date that is set expires, the software can be used only for a limited...

...CLAIMS and a route server (3) that creates a digital signature used as a basis of **authentication**, said **license** management method comprising:

a first digital signature creation step of creating, by said product management...

13/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01446316

CONTENT DISTRIBUTION SYSTEM AND CONTENT DISTRIBUTION METHOD

VERFAHREN UND VORRICHTUNG ZUR VERTEILUNG EINES DATENINHALTS

SYSTEME DE DISTRIBUTION DE CONTENU ET PROCEDE DE DISTRIBUTION DE CONTENU

PATENT ASSIGNEE:

Sony Computer Entertainment Inc., (2185312), 1-1, Akasaka 7-chome,
Minato-ku, Tokyo 107-0052, (JP), (Applicant designated States: all)
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INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1237321 A1 020904 (Basic)
WO 2002037746 020510

APPLICATION (CC, No, Date): EP 2001983795 011101; WO 2001JP9607 011101

PRIORITY (CC, No, Date): JP 2000334183 001101

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; LI

INTERNATIONAL PATENT CLASS (V7): H04L-009/00; **G06F-017/60**

ABSTRACT WORD COUNT: 152

NOTE:

Figure number on first page: 0001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200236	1868
SPEC A	(English)	200236	48352
Total word count - document A			50220
Total word count - document B			0
Total word count - documents A + B			50220

...INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

...SPECIFICATION for providing a computer program executable on a computer system to perform a content key **delivery** process, the computer **program** comprising the steps of: receiving an encrypted content key, generated by a user device authentication...and displays various data such as user data to which a content is to be **transmitted**, during the execution of the **programs** under the control of the control unit 131. An input unit 135 includes a keyboard...is the issuer of the ticket, 100 Japanese yen as a license fee to a **license** holder (user device **authentication** server) 803 which operates the content delivery system, and 600 Japanese yen as a content...

...and an encrypted content key KpDAS(Kc) encrypted using a public key KpDAS of the **license** holder (user device **authentication** server) to the user device 802.

The user device 802 transmits the encrypted content key...

...content producer 804 together with the electronic ticket (DAS) to the license holder 803. The **license** holder **verifies** the received electronic ticket. After the **verification**, the **license** holder performs the key conversion process upon the encrypted content key KpDAS(Kc). That is...and an encrypted content key to the user device. On the other hand, if the **license** holder (user device **authentication** server) receives an electronic ticket, the **license** holder **verifies** the received ticket. If the verification indicates that the received ticket is valid, the **license** holder performs an **encrypted** key conversion and transmits the resultant key-converted encrypted key to the user device. Thus...key KpAA of the attribute certificate authority to confirm that the certificate is valid. After **confirming** that the **serial number** and/or the user ID described in the attribute certificate are the same as the...

...attribute certificate authority to confirm that the certificate is valid. Furthermore, the user devices 1020 **confirms** that the **serial number** and/or the user ID described in the attribute certificate are the same as the...the mutual authentication or the attribute verification has failed (step S2106), and the process is **terminated**.

In the processing **program** executed to a process in conjunction with a shop being communicated with, the attribute code...

...CLAIMS medium for providing a computer program executable on a computer system to perform a content key **delivery** process, the computer **program** comprising the steps of:
receiving an encrypted content key, generated by a user device authentication...

13/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01417782

Remote printing of secure and/or authenticated documents

Ferndrucken von sicheren und/oder authentifizierten Dokumenten

Impression a distance de documents securises et/ou authentifies

PATENT ASSIGNEE:

Trustcopy Pte Ltd, (3350201), c/o Kent Ridge Digital Labs, 21 Heng Mui
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all)

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ZHU, Baoshi, Blk 35 Dover Road, 13-163 Singapore 130035, (SG)

Huang, Sheng, Blk 403 Pandan Gardens, 08-16, Singapore 600403, (SG)

LEGAL REPRESENTATIVE:

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Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 1197828 A1 020417 (Basic)

APPLICATION (CC, No, Date): EP 2001306086 010716;

PRIORITY (CC, No, Date): SG 200005827 001011

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-001/00 ; G06F-017/60 ; H04L-029/06

ABSTRACT WORD COUNT: 79

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200216	2407
SPEC A	(English)	200216	15119
Total word count - document A			17526
Total word count - document B			0
Total word count - documents A + B			17526

INTERNATIONAL PATENT CLASS (V7): G06F-001/00 ...

... G06F-017/60

...SPECIFICATION In this case, the server may communicate with the printer through the client software to **verify** the printer **serial number** and internet protocol address, check the status of the printer, lock a control panel of...recipient to print the document, the license including a number of copies of the document **authorized** for printing. Each **license** preferably has a license key, the license key being used to encrypt the unique seal...result of the basic client software is calculated and stored in the server before the **software** is **delivered**. When the user requests printing, the same hash function is calculated and the result is...and compare them with an internal blacklist. If a blacklisted hook is found, the client **software** will **terminate** running. The server will update the aforementioned blacklist constantly to deal with newly emerged hooking...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **license** (e.g. M) for the receiver to print M copies of the document, and M...

...server authenticates the user by verifying the random number;

3. after successful authentication, the client **software** then **downloads** the data for the receiver from the server;

4. after receiving the data, the receiver...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **licenses** (e.g. M) for the receiver to print M copies of the document, and M...

...time-stamp (the time at which the license installer is created) and expiry date. The **license** installer is **encrypted** with receiver's ID key;

6. the hash of the license and license installer are...the license installer to the recipient's hardware device for installation;

6. the hardware device **decrypts** the **license** installer using the recipient's ID key and checks the integrity of the **license** installer by **verifying** the hash field. If the verification fails, the recipient advises the server to resolve the...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **licenses** (e.g. M) for the receiver to print M copies of the documents, and M... server authenticates the user by verifying the random number;

3. after successful authentication, the client **software** **downloads** data for the receiver from the server;

4. after receiving the data, the receiver can...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **licenses** (e.g. M) for the receiver to print M copies of the document, and M...

...a time-stamp (the time which license installer is created) and an expiry date. The **license** installer is **encrypted** with the receiver's ID key;

6. a hash of the license and license installer...

...software sends the license installer to the hardware device for installation;

6. the hardware device **decrypts** the **license** installer using the receiver's ID key, and checks the integrity of the **license** installer by **verifying** the hash field. If the checks fail, the receiver informs the server and asks the...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **license** (e.g. M) for the receiver to print M copies of the documents, and M...

...a time-stamp (the time which license installer is created) and an expiry date. The **license** installer is **encrypted** with the receiver's ID key;

6. a hash of the license and license installer...

...the client software sends the license installer to the software agent;

5. the software agent **decrypts** the **license** installer using the ID

key, and checks its integrity. If the integrity check fails, the...no printing licenses remain, printing is not allowed;

4. if there is an unused printing **license** the software agent **decrypts** the session key 1 and unique seal from the license;
5. the document or its...

...CLAIMS in any one of claims 1 to 17, characterised in that there is included client **software** that is **downloaded** to a machine of the recipient for the printing of the document, the recipient being...

...on the client software, the server communicating with the printer through the client software to **verify** the printer **serial number** and internet protocol address, check the status of the printer, locks a control panel of...

...recipient to print the document, the license including a number of copies of the document **authorized** for printing, each **license** having a license key, the license key being used to encrypt the unique seal; the...

13/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01061117

Virtual smart card

Virtuelle Chipkarte

Carte virtuelle a puce

PATENT ASSIGNEE:

Siemens Nixdorf Informationssysteme AG, (220704), Heinz-Nixdorf-Ring 1,
33106 Paderborn, (DE), (Applicant designated States: all)

INVENTOR:

Benson, Glen, Therese-Giese-Allee 98, 81739 Munchen, (DE)

LEGAL REPRESENTATIVE:

Epping, Wilhelm, Dr.-Ing. et al (59452), Patentanwalt Postfach 22 13 17,
80503 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 936530 A1 990818 (Basic)

APPLICATION (CC, No, Date): EP 98710001 980216;

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-001/00

ABSTRACT WORD COUNT: 87

NOTE:

Figure number on first page: 1 15

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9933	417
SPEC A	(English)	9933	8961
Total word count - document A			9378
Total word count - document B			0
Total word count - documents A + B			9378

INTERNATIONAL PATENT CLASS (V7): G06F-001/00

...SPECIFICATION end-user does not prove that he or she has the required Dongle, and the **program stops** 1210. Otherwise, the **program**

continues with its normal execution 1211 and periodically repeats starting with step 1206. It is...

...copy protected programs execute; and when the owner removes the smart card, the copy protected **programs stop**. So, the smart card acts as a "digital ignition key" that serves an analogous purpose...protected programs execute; and when the owner removes the Virtual Smart Card, the copy protected **programs stop**. So, the Virtual Smart Card acts as a "digital ignition key" that serves an analogous...

...owner for a password. When the owner executes the remove operation, the Virtual Smart Card **program stops** executing. Once the owner removes the Virtual Smart Card, the owner may travel to a...the supervision possible each Virtual Smart Card 6 has the following records:

- Serial Number: The **serial number** is a unique **identifier** of a Virtual Smart Card 6.
- State: The state variable stores exactly one of the...can produce a licensed private key. A keyfile issued by the software vendor (or another **authorized** party) encodes the **license**. Security countermeasures ensure that an attacker cannot forge a keyfile which contains a public key...

...anyway.

- Licensed Software Repository: An enterprise's central server stores a collection of copy protected **programs**. Employees **download** the **programs** from the central server onto their machines. If the employee wishes to execute a program...up the Virtual Smart Card 6 in the VSC Server's 8 database using the **Serial Number** provided during **Authentication** 302. If the state of the Virtual Smart Card 6 is not idle then the...up the Virtual Smart Card 6 in the VSC Server's 8 database using the **Serial Number** provided during **Authentication** 302. If the state of the Virtual Smart Card 6 is not in-use then...

13/3,K/6 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01269011 **Image available**

**METHOD AND SYSTEM FOR PREVENTING UNAUTHORIZED RECORDING OF MEDIA CONTENT
PROCEDE ET SYSTEME PERMETTANT D'EMPECHER L'ENREGISTREMENT NON AUTORISE DE
CONTENU MULTIMEDIA**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200576102 A2-A3 20050818 (WO 0576102)
Application: WO 2005US3443 20050202 (PCT/WO US05003443)
Priority Application: US 2004772025 20040203

Parent Application/Grant:

Related by Continuation to: US 2004772025 20040203 (CON)

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 41929

Main International Patent Class (v7): G06F-001/00

Fulltext Availability:

Detailed Description

Detailed Description

... media device driver 3 07, prior to being outputted. However, if an alternative media player **application** is selected, **delivered** media files from server 25 1 will not play on system 2 1 0.

Thus...

...media playback, shown as step 750 of Figure 7C.

As the media file content is **delivered** to the media player **application**, periodically, (e.g., after a specified number of frames, after a defined period of time...an operating system, (e.g., Media Player for WindowSTm by Microsoft), a freely distributed playback **application** **downloadable** from the Internet, (e.g., RealPlayer or LiquidAudio), a playback application provided by a webcaster...valid media application is to be a player of media content as opposed to an **application** that **downloads** media content in an unauthorized or unregulated manner. If web server 250 determines that the...

...client computer 210 to a web site where the -user of system 21 0 can **download** a valid media player **application** or to a software application which can identify client computer system 2 1 0, log...

...media playback, shown as operation 750. In operation 750, as the media file content is **delivered** to the media player **application**, (e.g., 501 of Figures 5A-5D), periodically, (e.g., after a specified number of... 1380), with each rendered media content (e.g., 2001-M). In one embodiment, the unique **identifier** 1380 is a **serial number** that is attached to each media content, (e.g., 2001 -M), as it is being...

...content being output is somehow captured, imaged, etc., by virtue of the association of unique **identifier** 1380, (e.g., **serial number**), with media storage device 999 and the media content disposed thereon, (e.g., content 200...of a secure player application to improve its functionality, modification to counteract nefarious hacking attempts, **disabling** the secure player **application** when the computer system on which it is operable is no longer authorized to participate...

...for transfer. Application 1820 can also utilize an intermediate
103

In one embodiment, client communication **application** 1820 can transmit

an indicator or an acknowledge signal indicating that the media content delivered from another computer...

...18.20 on source node 1715 encrypts media 4321 into intermediate encryption 1775, client communication **application** 1820 **transmits** media 4321 in intermediate encryption 1775 to client node 1705, shown as, 105 communication 1950...file type; or the request for authorization via a media storage or delivery product, a **license** file, a custom **authorization** device (e.g., a "pay for play" card), a RAM or ROM device, a cell...

13/3,K/7 (Item 2 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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01191210 **Image available**

SYSTEM AND METHOD FOR PUBLIC KEY INFRASTRUCTURE BASED SOFTWARE LICENSING
SYSTEME ET PROCEDURE DE DELIVRANCE DE LICENCES D'UTILISATION DE LOGICIELS
FAISANT APPEL UNE INFRASTRUCTURE A CLEF PUBLIQUE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 2004114046 A2-A3 20041229 (WO 04114046)

Application: WO 2004IB2066 20040623 (PCT/WO IB04002066)

Priority Application: US 2003609344 20030626

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Filing Language: English

Fulltext Word Count: 7280

Main International Patent Class (v7): G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... user and an identifier associated with the 'software product. The information is employed by the **Licensing** Authority to **authenticate** the end-user. If the end-user is authentic, the Licensing Authority

digitally signs the...

...Authority employs the provided information to authenticate the end-user and issue a digitally signed **license** to the **authenticated** end-user. The end-user employs the license to enable access to the requested software...

...is valid for the requested software., SDS 106 may employ information associated with the valid **license** to **encrypt** the **software** for **delivery** to client computer 102. For example, SDS 106 may employ a public encryption key associated with the **license** to **encrypt** the software such that an unauthorized user is inhibited from accessing the software.

6

SDS...

...and run on operating system 220.

Server computer 200 may also include an SMTP handler **application** for **transmitting** and receiving email for a message **delivery** system, an HTTP handler **application** for receiving and handing HTTP requests, and an HTTPS handler

10

application for handling secure...

...is hereby incorporated by reference.

As shown in FIGURE 4, license 400 includes version 402, **serial number** 404, signature algorithm **identifier** 406, issuer's name 408, validity period 410, subject

12

name 412, algorithm identifier...

...the license format.

Versions may be substantially similar to the versions for public-key certificates, **Serial number** 404 includes a unique **identifying** number, text, and the like, for each license.

In one embodiment, serial-number 404 represents a value that is associated with the software to which the end...then be employed to decrypt additional information to access the license. In one embodiment, the **license** is **encrypted** the public key of

Using

the end-user, such that only the end-user possesses the associated private key may

SM9

decrypt and install the **license**.

15

Processing continues to 510, where the end-user employs the URL, and ...

...If it is determined that the license is valid for the requested software product, the **software** product is made available for **download**. In one embodiment, the public encryption key associated with the **license** is employed to **encrypt** the software product. Processing continues to block 604.

Atblock 604, if the software was encrypted, the private encryption key associated with the **license** is employed to **decrypt** and install the software. The installed software then examines the installed license to determine if...

...license is invalid, expired, revoked, or otherwise compromised, processing proceeds to block 612, where the **software** is **disabled** from execution. Processing continues to block 614, where a message is provided to the...

13/3,K/8 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01163372 **Image available**

MULTILEVEL SOFTWARE PROTECTION SYSTEM
SYSTEME MULTINIVEAU DE PROTECTION DE LOGICIEL

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FENNER-FOWNES Nigel John Paul, Harley Street Stress Services, 13 North Audley Street, London W1K 6ZA, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200486200 A1 20041007 (WO 0486200)
Application: WO 2004GB1382 20040329 (PCT/WO GB04001382)
Priority Application: GB 20037098 20030327

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 4307

Main International Patent Class (v7): **G06F-001/00**

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... and end

firmware identifier in the software bank. This information can then be used as **verification** parameters in the **licensing**

program.

The preferred system also makes use of a licensing template to write the security...

...of copying or cloning the end software, and gives a. Programming Policy effect.

The Random **Licensing** path is then **encrypted** and sent to the software bank for registration.

At the software bank or central server...

...software manufacturer may request that a timer or life-span function be added to the **program**, to **stop** the **program** automatically after a certain predefined period of time. This request may be encoded in the...
...flows to step 48 where the key data generated in steps 34 to 40 is **transmitted** to the **software** bank and logged. This information is used by the server to generate the security or...

Claim

... run.

7 A method according to claim 6, wherein the security program is arranged to **verify** the hard disk drive **serial number**.

. A method according to any preceding claim comprising requiring that the software application be registered....

...claim 18; wherein the licensing program comprises a timer function, after expiry of which the **software application** is temporarily or permanently **disabled**.

20 A **software program** product which when executed on a computer causes the computer to perform the method steps...

...run.

27 A system according to claim 26, wherein the security program is arranged to **verify** the hard disk drive **serial number**.

28 A system according to any preceding claim comprising a central server, and means for...

...claim-38, wherein the licensing program comprises a timer function, after expiry of which the **software application** is temporarily or permanently **disabled**.

13/3,K/9 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01120932 **Image available**
SYSTEM AND METHOD OF AUTOMATED LICENSING OF AN APPLIANCE OR AN APPLICATION
SYSTEME ET PROCEDE D'ATTRIBUTION AUTOMATIQUE DE LICENCES POUR UN APPAREIL
OU UNE APPLICATION
Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200442490 A2-A3 20040521 (WO 0442490)

Application: WO 2003IB4809 20031022 (PCT/WO IB03004809)

Priority Application: US 2002286764 20021104

Designated States:

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5614

Main International Patent Class (v7): G06F-017/60

Fulltext Availability:

Detailed Description

Claims

English Abstract

...validation key to identify an entity associated with the appliance or
a host of the **application** ; **transmitting** (58) the validation key, the
customer identification and the license entitlement to a licensing server
...

...entitlement at the licensing server to determine if the validation key,
the customer identification and **license** entitlement are **verified** , and
generating (26) with the licensing server a license key.

Detailed Description

... the appliance or application registration process. The license key 26
is generated by the software **license** management infrastructure
verifying the customer ID, validation key and entitlement with stored
counterparts thereof by comparison with the...

...license synchronization process in a timed manner. This trigger can also
occur during the daily **verification** of the **license** by the **licensing**
client, if the **verification** process discovers that the license is
expired or otherwise is invalid.

2

The license synchronization...

...validation key to identify an entity associated with the appliance or a
host of the **application** ; automatically **transmitting** the validation

Sylvia Keys

10-Feb-06 06:17 PM

...server for storage therein before the validation of the validation key, the customer ID and **license** entitlement; and **verification** is performed by the licensing server by comparing the validation key, the customer ID and...

13/3,K/10 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01113783 **Image available**
PERIPHERAL DEVICE, INFORMATION PROCESSING METHOD, AND CONTROL PROGRAM
DISPOSITIF PERIPHERIQUE, PROCEDE DE TRAITEMENT D'INFORMATION, ET PROGRAMME
DE COMMANDE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200436409 A1 20040429 (WO 0436409)

Application: WO 2003JP12772 20031006 (PCT/WO JP03012772)

Priority Application: JP 2002300409 20021015

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25708

Main International Patent Class (v7): G06F-003/12

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... possible to return a right of usage of an
application to an owner of the **application** because of
termination of usage of the **application** after
installing the right of usage on a device, it is an
aspect of the...

...detecting a device to
which to transfer the license information, and
transfer means for transferring **encrypted . license**

information as license information to an external .25 device.

Further aspects, features and advantages...

...an uninstall request, a start request, a stop request, etc., for installing, uninstalling, starting, or **stopping** an **application** that implements various functions on the image forming apparatus. This makes possible for other apparatuses...

...already been installed. If the application installer 206 determines in step S302 that the same **application** exists, the **application** installer 206 **terminates** the process. However, if it is determined that the same application does not exist, the...

...S305, the application installer, 206 advances the process to step S306. In step S306, the **application** installer 206 **downloads** the **application program** from the host into the storage apparatus 6 of the multifunction apparatus 100 such that...proceeds to step S802, In step S802, counter information and application information related to the **application** to be uninstalled are **transmitted** to the accounting server 13. Thereafter, the process proceeds to step S803. In step S803...

...URL is specified on the operation control unit 14 of the multifunction apparatus, a specified **application** is **downloaded** from a storage area corresponding to the URL in the host computer, and the **downloaded application** is automatically installed in the multifunction apparatus. Instead of using the operation control unit 14, an **application** may also be **downloaded** by accessing the URL via an operation control screen of an external computer 12 and transferring the **downloaded application** to the core 10 of the multifunction apparatus via a network interface.

Fig. 10 is...

...pointing to the host computer 11 in which application information to be installed, then the **application** installer **downloads** the specified **application** from the host computer 11 and installs the **downloaded application**. If a cancel button on the screen shown in Fig. 10 is clicked, the screen...

...button 1302 has been pressed, the process proceeds to step S1105. In step S1105, a **program** is **downloaded** from a location specified by an archive file URL described in the application information. If the **program** cannot be successfully **downloaded** in step S1105, an error message is displayed as required, and the process is

Furthermore, the present invention provides a...

Claim

... information for
identifying the program.

4 A management apparatus according to claim 1,
wherein
the **license** information is **encrypted** using an
encryption key uniquely assigned to the peripheral
device; and
the management apparatus further comprises
decryption means for **decrypting** the **encrypted license**
information.

5 A management apparatus according to claim 1,
wherein if the amount of change...

...information for identifying the program.

10 A management method according to claim 7,
wherein
the **license** information is **encrypted** using an
encryption key uniquely assigned to the peripheral
device; and
the method further comprises the step of
decrypting the **encrypted license** information.

11 A management method according to claim 7,
wherein
in the operation step, if...

...assigned to the program identification
information;
encryption means for encrypting the acquired
value and the **program** identification information into
license information;
transmission means for transmitting, as license
5 information, the **license** information **encrypted** by the
encryption means to an external device; and
update means for updating the count...

...allowed usage acquired in the
acquisition step;
detecting a device to which to transfer the
license information; and
transferring **encrypted license** information as
license information to an external device.

31 A computer-readable storage medium
including a control program...

13/3,K/11 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01066614 **Image available**
METHOD AND SYSTEM FOR MEDIA

PROCEDE ET SYSTEME POUR CONTENU MULTIMEDIA

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200396340 A2 20031120 (WO 0396340)

Application: WO 2003US14878 20030510 (PCT/WO US03014878)

Priority Application: US 2002379979 20020510; US 2002378011 20020510; US
2002218241 20020813; US 2002235293 20020904; US 2002304390 20021125; US
2002325243 20021218; US 2003364643 20030210; US 2003451231 20030228; US
2003430843 20030505; US 2003430477 20030505

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 222812

Main International Patent Class. (v7): **G06F-001/00**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... drives, those companies do multisession tracks. The media storage
device, e.g., 0 CD/DVD, **delivers** two sets of data. In one example, a
plus sign may be used to indicate...

...finding new applications as a result of advances in hardware technology
and rapid development in **software** technology. Furthermore, the
functionality of a computer system is dramatically enhanced by coupling
these type...

...can be as simple as selecting the save or record function on a media
player **application**.

18

Additionally, many of the computers, web sites, and web broadcasters that
share copyrighted material...

...or restrictions can, in many cases, simply utilize the recording
functionality of a, media player **application** and save the copyrighted
material, rename the particular audio file, and upload the renamed file
...

...music files do not provide adequate file
distribution controls or proper accountability with regard to **licensing**
agreements and/or copyright restrictions associated with shared

version 5.0 rewrote **app** to use the mysql database, March 17 2002

my \$version;
\$version = 5.0;
\$ENVj'PATH...

Claim

... device.

168. The method or computer readable medium according to Claim 167 wherein said unique **identifier** is a **serial number**, said **serial number** generated during disposition of said content on said media storage device.

169. The method or...

13/3,K/12 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01055670 **Image available**

SECURED VIRTUAL NETWORK IN A GAMING ENVIRONMENT

RESEAU VIRTUEL SECURISE DANS UN ENVIRONNEMENT DE JEU

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

OLYNICK David P (agent), BEYER WEAVER & THOMAS LLP, P.O. Box 778, Berkeley, CA 94704-0778, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200385613 A1 20031016 (WO 0385613)

Application: WO 2003US9669 20030326 (PCT/WO US0309669)

Priority Application: CS 000010 20020403

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Filing Language: English

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International Patent Class (v7): **G06F-001/00**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... In view of the above, it Another desire within the gaming industry is to electronically **download** gaming **software** from one or more remote locations to a gaming machine. The capability to electronically **download** gaming **software** is desirable because it may enable gaming machines to be quickly reconfigured to account for...

...the gaining machine. In view of the above, it would be desirable to provide gaming **software** **downloading** methods for gaming machines that allow gaming software to be transferred electronically to the gaming...

...to a gaming software provider identified in the gaming software request of a pending gaming **software** **download** request and iv) requesting a list of gaming software installed on a gaming device.

Another...

...two gaming devices. The method may be generally characterized as comprising: 1) receiving a gaming **software** **download** request message with gaming **software** transaction information from a first gaming device; 2) validating the gaming **software** **download** request using the gaming **software** transaction information; 3) sending an authorization message to the first gaming device authorizing the first...

...one or more of the following: a) comparing the gaming transaction information in the gaining **software** **download** request message with gaming transaction information stored in a transaction database to validate the gaining **software** **download** , b) sending a message to the first gaining device denying authorization for the first gaming...

...message from the second gaming device, e) comparing gaming software transaction information in the first **download** acknowledgement message with gaming **software** transaction information in the second **download** acknowledgement message to validate that the gaining software has been correctly transferred where the gaming...

...at least a first digital signature determined for the gaming software and the gaming **software** transaction information in the second **download** acknowledgement message includes at least a second digital signature determined for the gaming software, D...

...the gaining software, receiving a denial of the gaining software transaction request from the gaming **software** authorization agent; and **terminating** the transfer of the gaming **software** and iii) determining a digital signature for the gaming software and sending a message with... particular game. In 610, game license request data used to provide and implement gaming **licenses** is **encrypted** . The game **license** data may be **encrypted** using a symmetric encryption key and the symmetric encryption key may be asymmetrically encrypted using...

...and video pachinko game.

In 612, a game license request message is generated with the **encrypted** game **license** request data. The game license request message may be sent to a remote server using...

...may send unencrypted gaming license request data to the local server. The local server may **encrypt** the gaming **license** request data, generate a gaming license request message and send the message to a remote...

...encryption key using a private key stored in memory on the gaming machine and then **decrypt** the game **license** reply data with the symmetric **encryption** key. The game **license** reply data may include a game license for one or more games available on the...

...message using a private encryption key. With the symmetric encryption key, the remote server may **decrypt** the game **license** request data. The game license request data may include a serial number of the software...

...number of the gaming machine and the other machine identification information the remote server may **identify** the gaming machine. The **serial number** of the gaming machine is one example of an UID that may be used with...

...a new game license is generated, the game license reply data including the new game **license** may be **encrypted** with a symmetric encryption key and the symmetric encryption key may be asymmetrically encrypted with...

...components that may be requested by another gaming device for an electronic download. The gaming **software** content provider may **download** gaming **software** to various customers after the customer has entered a licensing agreement with the content provider...

...game the game of chance may be downloaded. For instance, a complete package of gaming **software** components may be **downloaded** to replace a game executed on a gaming machine with a new game.

As another example, a single game **software** component may be **downloaded** to fix an error in a game of chance executed on the gaming machine. In yet another example, a set of gaming **software** components may be **downloaded** to install a new graphical "feel" for the game of chance while other gaming software...

...the game are not changed. In the present invention, any gaming device that stores gaming **software** for **downloads** may **download** a complete set of the gaming software components used to play the game of chance...

...in an operating system installed on the gaming machine. Details of some of the gaming **software** components that may be **downloaded** in the present invention are described in co-pending U.S. application no. 10/040 ...

...may be transferred to another gaming device, such as a gaming device, for an electronic **download**. The gaming **software** distributors, such as 53 and 60, may be gaming devices, such as game servers, that...

...machines 57, 58 and 59. In one embodiment, the game servers may be programmed to **download** gaming **software** in response to a software request on a gaming machine. For instance, a game player...

...second while the downlink rate may be 500 kilobytes per second or higher. However, for **software downloads**, a high downlink rate may only be required for efficient gaming **software downloads**. Satellite Internet services may be provided by a company such as Starband Corporation (McLean, Virginia...software distributor 53 may contact the gaming software content provider 51 and receive an electronically **download** of gaming **software** from the content provider via an electronic transfer in 210. The electronic transfer may...

...software transfers may be routed through the software authorization

may generate a **download** reply message containing the gaming **software** . In this embodiment, a receipt may not be required since the gaining **software** **downloaded** to the gaming distributor may have already been approved by the agent 50 in a previous gaming **software** transaction. In 972, the **download** reply with the gaming **software** is sent to the gaming machine 54. In 974, the gaming machine receives the download...

...The gaming machine 54 may also store a gaming software transaction record of the gaming **software** **download** in a non-volatile memory device.

The gaining software transaction record may be used for...

...software. The transfer of gaming software may be implemented electronically or manually. In a manual **transmission** , the gaming **software** may be shipped to the distributor and loaded locally onto a gaming device, such as...

...authenticated, in 1012, the agent may evaluate and validate one or more parts of a **download** request for gaming **software** from the requestor. For instance, the agent may determine if a requested gaming **software** title has been approved for **downloads** or transfers. As another example, the download request may include identification information for a gaming ...

Claim

... the gaining software, receiving a denial of the gaming software transaction request from the gaming **software** authorization agent; and **terminating** the transfer of the gaming **software** .

23 The method of claim 20, wherein the software authorization agent, the first gaming device...

13/3,K/13 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT .
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00897828 **Image available**

REMOTE PRINTING OF SECURE AND/OR AUTHENTICATED DOCUMENTS IMPRESSION A DISTANCE DE DOCUMENTS SECURISES ET/OU AUTHENTIFIES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200232047 A1 20020418 (WO 0232047)

Application: WO 2001SG151 20010716 (PCT/WO SG0100151)

Priority Application: SG 20005827 20001011

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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International Patent Class (v7): G06F-003/12 ...

... G06F-013/00

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... In -this case,,,'the server may communicate with the printer through the client @ software to **verif3fthe** : printer
S'

serial number and internet protocol address, check, the statu& of the printer; - lock a 1 5 control...recipient to print the document, the license including a number of copies of the document **authorized** for printing. Each **license** preferably has a license key, the license key being used to encrypt the unique seal...result of the basic client software is calculated and stored in the server before the **software** is **delivered** . When the user requests printing, the same hash function is calculated and the result is...compare them with an internal blacklist. If a blacklisted hook is io found, the client **software** will **terminate** running. The server will update the aforementioned blacklist constantly to deal with newly emerged hooking... b), the receiver's ID, the session key 1, the session key 2 used for **encryption** , the number of **license** (e.g. M) for the receiver to print M copies of the document, and M...

...server authenticates the user by verifying the random number;

3 . after successful authentication, the client **software** then **downloads** the data for

the receiver from the server;

4. after receiving the data, the receiver...b), the receiver's ID, the session key 1, the

session key 2 used for **encryption** , the number of **licenses** (e.g. M) for

the receiver to print M copies of the document, and M...

...time-stamp (the time at which the license installer is created) and expiry date.

The **license** installer is **encrypted** with receiver's ID key;

6. the hash of the license and license installer are...license installer to the recipient's hardware device for installation; 1

6. the hardware device **decrypts** the **license** installer using the

recipient's ID key and checks the integrity of the **license** installer by **verifying** the hash field. If the verification fails, the recipient advises the server to resolve the...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **licenses** (e.g. M) for the receiver to print M copies of the documents, and M...server authenticates the user by verifying the random number;

3 . after successful authentication, the client **software** **downloads** data for the receiver from the server;

4. after receiving the data, the receiver can...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **licenses** (e.g. M) for the receiver to print M copies of the document, and M...

...a time-stamp (the time which license installer is created) and an expiry date.

The **license** installer is **encrypted** with the receiver's ID key;

6. a hash of the license and license installer...

...software sends the license installer to the hardware device for installation;

6. the hardware device **decrypts** the **license** installer using the receiver's ID key, and checks the integrity of the **license** installer by **verifying** the hash field. If the checks fail, the receiver informs the server and asks the...b), the receiver's ID, the session key 1, the session key 2 used for **encryption**, the number of **license** (e.g. M) for the receiver to print M copies of the documents, and M...

...a time-stamp (the time which license installer is created) and an expiry date.

The **license** installer is **encrypted** with the receiver's ID key;

6. a hash of the license and license installer...

...the client software sends the license installer to the software agent;

5. the software agent **decrypts** the **license** installer using the ID key, and checks its integrity. If the integrity check fails, the...no printing licenses remain, printing is not allowed;

4. if there is an unused printing **license** the software agent **decrypts** the session key I and unique seal from the license;

5. the document or its...

Claim

... as claimed in any one of claims 1 to 26, wherein there is included client **software** that is **downloaded** to a machine -of the recipient for the printing of the document. 35) A method...

...in claim 35, wherein the server communicates with the printer through the client software to **verify** the printer **serial number** and internet protocol address, check the status of the printer, locks a control panel of...

13/3,K/14 (Item 9 from file: 349)
 DIALOG(R) File 349:PCT FULLTEXT

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00494769 **Image available**

FILE TRANSFER SYSTEM

SYSTEME DE TRANSFERT DE FICHIERS

Patent Applicant/Assignee:

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Inventor(s):

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CLARKE Christopher D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9926121 A2 19990527

Application: WO 98US24373 19981113 (PCT/WO US9824373)

Priority Application: US 9765533 19971113; US 9885427 19980514; US
98100962 19980917

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
TD TG

Publication Language: English

Fulltext Word Count: 34251

...International Patent Class (v7): **G06F-013/00** ...

... **G06F-017/30** ...

... **G06F-015/173**

Fulltext Availability:

Detailed Description

Detailed Description

... including (a) location in file structure, (b) file type, (c) file date
& time, (d) embedded **serial number**, and (e) destination
authentication codes.

In a preferred embodiment each device includes at least a display
monitor, a processor...at each system PC can be utilized in conjunction
with the destination addresses and/or **license** codes to further
authenticate the source identity for inbound communication requests. The
user may configure the

Page

acceptance criteria...the user to encrypt files, manually selecting the
appropriate public key, prior to selection for **transmission** to a
destination PC. Decryption **programs** may also be invoked by the user to
decrypt files with a private key code...index authorized for transmission
to any requesting PC. Alternatively, the destination name, destination
address, internal **serial numbers**, or **authentication** codes can be
utilized to restrict transmission of each index created to a specific
destination...the software updates. Options are provided for
automatically or manually updating -upon receipt of electronic
transmission of a new **software** version release.

When an update is transmitted to recipients, if automatic update has been
selected...

...will preferably unlink DLLs, copy new DLLs, copy new executable files and run the new **program** version. Ultimately, the install **program** **terminates** itself. If manual update has been selected during setup at the recipient PC, the electronically...

13/3,K/15 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00455304 **Image available**
METHOD AND SYSTEM FOR NETWORKED INSTALLATION OF UNIQUELY CUSTOMIZED, AUTHENTICABLE, AND TRACEABLE SOFTWARE APPLICATIONS
PROCEDE ET SYSTEME DESTINES A UNE INSTALLATION PAR LE BIAIS D'UN RESEAU D'APPLICATIONS LOGICIELLES PERSONNALISEES, AUTHENTIFIABLES ET IDENTIFIABLES DE MANIERE UNIQUE

Patent Applicant/Assignee:
NORTHERN TELECOM LIMITED,

Inventor(s):

LAROSE Gordon Edward,
ALLAN David Ian,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9845768 A1 19981015

Application: WO 98CA241 19980318 (PCT/WO CA9800241)

Priority Application: US 97831696 19970410

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Publication Language: English

Fulltext Word Count: 9714

Main International Patent Class (v7): G06F-001/00

Fulltext Availability:

Detailed Description

English Abstract

...and cryptographic signature are embedded in the software application by the secure distribution agent. The **software application** with embedded data is **transmitted** via a distribution channel to the installation computer. A user installation agent resident on the...

Detailed Description

... in place enable

users to purchase and install software applications without the need for physical **delivery** of shrink-wrapped **software**.

Typically, a software publisher will prepare a master of the

software application for electronic distribution...

...software application, which will be received and fulfilled by the publisher. The customer will then **download** the **software application** and install it to his/her own computer.

A disadvantage of the current on-line infrastructure is that it **delivers software** applications to users in a form that is identical with those found in retail stores...said installation computer.

The method and system of the present invention

discloses an on-line **software** customization, **delivery** and installation scheme. Instead of distributing a software application to a user that results in...key; and, Figure 8 is a block diagram showing the various uses of the installed **software application delivered** to the user by means of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT...individual user and license transaction. For example, the embedded data 140 can include a unique **serial number** used to **identify** the aggregate distribution file 170 to 5 be distributed to the user. The would eliminate...files, indices etc. that it might have placed on the installation computer.

14. The UIA **program** 203 **disconnects** from the SDA 100 and the distribution channel 300 and exits.

Upon successful completion of...compliance, the installed aggregate distribution file 15 may also be run in association with a **license** -enforcement program that **verifies** that any **license** terms comprising part of the embedded data 171 are being complied with. The embedded data...

...on an installation computer. In this case, the UIA 200 and the SDA 100 would **verify** of the **license** status of the S installed aggregate distribution file 15 present on the installation computer, and...

?

16/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01170803 **Image available**

ASSOCIATING SOFTWARE WITH HARDWARE USING CRYPTOGRAPHY
ASSOCIATION D'UN MATERIEL A UN LOGICIEL DE CRYPTOGRAPHIE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200492886 A2-A3 20041028 (WO 0492886)

Application: WO 2004US10867 20040408 (PCT/WO US04010867)

Priority Application: US 2003461341 20030408; US 2004815256 20040331

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(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7757

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... claims the benefit of provisional U.S. Application Serial No.
60/461,341, entitled "Associating **Authenticated** Software with a
Licensed Hardware Platform," filed April 8, 2003.

BACKGROUND

1. Field

[1002] The present invention relates generally...

...is 'no', then an error message is generated (block 1016), and the
boot-up process **terminates**.

Otherwise, the **software** code is indicated as being validated and can be
executed (block 1032). and the boot...

...hardware may be used for various applications. Some exemplary
applications are described below.

[1066] One **application** is for **downloading software** to a wireless
device via an unsecured link. It may be desirable to update the...only

execute the software after it has been validated.

[1067] Another application is for enforcing **authorized** (e.g., **licensed**) use of different hardware platforms. A first entity may have various hardware platforms, with each...

...use software on a more elaborate hardware platform.

[1068] Yet another application is for enforcing **authorized** (e.g., **licensed**) use of a given hardware platform. The hardware for the wireless device may be designed...

...capability to perform a broad set of functions. These functions may be selectively enabled or **disabled** by **software**. Different licenses may be granted for different sets of functions. Each of these sets of...

Claim

... integrated circuit of a specific design.

8 The method of claim 1, wherein the second **identifier** is a hardware **serial number** or a part number.

9 An apparatus operable to validate software for hardware, comprising:
a...

16/3,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01129704

DEAD NOZZLE COMPENSATION

COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT

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LAPSTUN Paul, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), NO (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2003AU1616 20031202 (PCT/WO AU03001616)
Priority Application: AU 2002953134 20021202; AU 2002953135 20021202
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 387411

Fulltext Availability:
Claims

Claim

... be applied to many other fields that require secure communications between entities, and certainly has **application** far beyond the field of printers.
SYSTEM OVERVIEW
The preferred of the present invention is...

...allow SoPEC to begin printing a page band before all bands for that page are **downloaded**. Once SoPEC starts printing a page it cannot stop, if SoPEC consumes compressed data faster...several system on a chip (SoC) components, as well as the print engine pipeline control **application** specific logic.
1.1 PrintEnginePipeline(PEP)Logic
The PEP reads compressed page store data from...

...banding it is possible to begin printing a page before the complete compressed page is **downloaded**, but care must be taken to ensure that data is always available for printing or...of CPU peripherals, SCB and DIU. DRAM initialisation. USB Wakeup. 4) Download and authentication of **program** (see Section 10 2). 5) Execution of **program** from DRAM. 6) Retrieve operating parameters from PRINTER-QA and authenticate operating parameters. 7) Download...

...mode. 3) Basic configuration of CPU peripherals and DIU, and DRAM initialisation, if required. 4) **Download** and authentication of **program** using results in Power-Safe Storage (PSS) (see Section 10 2). 5) Execution of program...

...check that DRAM space remaining is sufficient to download the first band. 2) The host **downloads** the first band (with the page header) to DRAM. 0 3) When the complete page...

...band with the band header to DRAM. 3) When the complete band header has been **downloaded**, process the band header according to whichever band-related register updating mechanism is being...

...page has been downloaded. One approach is to only start printing once we have loaded **up** the data for a complete page. If we start printing

before the complete page has...

...A Multi-SoPEC SYSTEM - ISIMASTER SoPEC

In a multi-SoPEC system the host generally manages **program** and compressed page **download** to all the SoPECs. Inter-SoPEC communication is over the ISI link which...

...Supervisor mode code running on the SoPEC CPUs will allow or disallow these commands. The **software** protocol needs to be constructed with this in mind. The ISIMaster will initiate all communication...

...indicates it is the ISIMaster (unless the SoPEC CPU has explicitly disabled this function). 5) **Download** and authentication of **program** (see Section 10 3). 6) Execution of program from DRAM. 7) Retrieve operating parameters from PRINTER-QA and authenticate operating parameters. 8) **Download** and authenticate any further datasets (**programs**). 9) The initial dataset may be broadcast to all the ISISlaves. 10) ISIMaster master SoPEC...

...end-points 2-4 indicates it is the ISIMaster (unless the SoPEC CPU has explicitly **disabled** this function). 5) **Download** and authentication of **program** using results in Power-Safe Storage (PSS) (see Section 10 3). 6) Execution of program...

...parameters from PRINTER-QA and authenticate operating parameters. 8) Download and authenticate any further datasets (**programs**) using results in Power-Safe Storage (PSS) (see Section 10 3). 9) Following steps as...

...amount of ink remaining via QA chips which may be present on a ISISlave SoPEC.) **Download** static data e.g. dither matrices, dead nozzle tables from host to DRAM. 3) Check...

...Remaining first page bands download and processing:

1) Check DRAM space remaining is sufficient to **download** the next band.
2) **Download** the next band with the band header to DRAM. 3) When the complete band header...

...line syncs. Otherwise wait for an external device to produce line syncs. 8) Continue to **download** bands and process page and band headers for next page.

10 6 Next page(s) **download**

As for ...5 10 10 Startofnextpage

These operations are typically performed before printing the next page: Re- **program** the PEP Units via PCU command processing from DRAM based on page header. 2) Go to Start printing.

10 11 End of document

1) **Stop** motor control. This may be on an ISISlave SoPEC.

10 12 Sleep mode

The CPU...

...CPU boot from ROM.) Basic configuration of CPU peripherals, SCB and DIU. DRAM initialisation. 4) **Download** and authentication of **program** (see Section 10 3). 5) Execution of program from DRAM. 6) Retrieve operating parameters from...

...mode. 3) Basic configuration of CPU peripherals and DIU, and DRAM initialisation, if required. 4) **Download** and authentication of **program** using results in Power-Safe Storage (PSS) (see Section 10 3). 5) Execution of program...

...7) SoPEC identification by sampling GPIO pins to determine ISId.

ico Instruction Cache Out...when transmitting an ISI packet and the LEON CPU will require access to the ISI **transmit** buffer. However, considering the relatively low bandwidth of the USB, a 4 packet entry FIFO...

...between an external USI3 device and a SoPEC printer is not an issue. The primary **application** of this connectivity is the **download** of a print image from a digital camera. Printing speed is not important for this...

...ISI protocol will WO 2004/050369 PCT/AU2003/001616

148

The ISIld is established by **software downloaded** over the ISI (in broadcast mode) which looks at the input levels on a number...blockage on a DMA channel will soon result in the NumRetfies value being exceeded and **transmission** from that SoPEC being halted. If a SoPEC NAKs a packet because its RxBuffer is...for the boot loader software, EP1 may or may not be used during the initial **program download**, but EP1 is highly likely to be used for compressed page or other **program downloads** later. For this reason it is part of the default configuration. In this setup the...

...the ISISlave via broadcast messages only and this is the mechanism by which the bootloader1 **program** is **downloaded**. The 0 ISISlave is unable to communicate with the external host (or the ISIMaster) until...

...to determine the intended destination and will then copy it into the EPO FIFO for **transmission** to the external host. The **software** running on the ISIMaster is responsible for any arbitration between messages from different sources (including...

...priority. Note that if the CPU is given absolute priority over the USB, then the **software** filling the ISI **transmit** buffer needs to ensure that sufficient USB traffic is allowed through. If both bits of...enable. This bi-directional read/write channel is used by the USBH.

1 = enable

0 = **disable**

12 5 13 DMAStatus

The status bits are not sticky bits i.e. they reflect...

16/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01042340 **Image available**

MEDICAL DIAGNOSTIC ULTRASOUND INSTRUMENT WITH ECG MODULE, AUTHORIZATION MECHANISM AND METHODS OF USE

INSTRUMENT DE DIAGNOSTIC MEDICAL PAR ULTRASONS AVEC MODULE, MECANISME D'AUTORISATION ET PROCEDES D'UTILISATION

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200371919 A2-A3 20030904 (WO 0371919)
Application: WO 2002US13386 20020425 (PCT/WO US0213386)
Priority Application: US 200262179 20020201

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14367

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... is used for data and operational control. A security means is provided
for enabling and **disabling** individual components of the **software**
library.

[241 In a third embodiment, a programmable ultrasound instrument is
provided having a plurality...chart of the license generator.

[391 Figure 9 shows a detailed flow chart of the **license decryption**
algorithm.

[401 Figure 1 ...an instrument has certain diagnostic features enabled
on a particular mobile ultrasound instrument need only **identify** the
unit by its **serial number** and call the manufacturer for the
operational mode information. Mobile ultrasound instruments maybe more
susceptible...This information involves parameters unique to the
particular device, such as a device ID 1122 (**serial number** or other
identifier), software build ED 1124, or other identifier assigned to the
instrument during the manufacturing of...scanhead is detected, the system
automatically detects software that is not already part of the **software**
library. The new **software** is **download** from the scanhead into the main
software library and enabled for use during a fixed...

...to try the software during the grace period and enter a keycode specific
to the **software downloaded** from the scanhead. In the event a valid
key is entered into the ultrasound instrument...also possible for the
user to contact the vendor for a license code that will **disable** the
application that has placed the instrument into the GOM and return to
unrestricted use of the...such-as a feature verifying download to a
keycode database in order to enable or **disable** any applications within

the **software** library.

[891 Figure 10 illustrates a system incorporating the license generator and an ultrasound instrument...

Claim

... control stored on a persistent memory device, and having a means for securely enabling and **disabling** applications within the **software** library.

48 A programmable diagnostic ultrasound instrument having a plurality of diagnostic modes, wherein access...of numbers while providing the security of a large bit string verification scheme enabling signature **verification** , error correction and **licensing verification** .

61 The programmable diagnostic

16/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00984068 **Image available**

PRINTING CARTRIDGE WITH RADIO FREQUENCY IDENTIFICATION

CARTOUCHE D'IMPRESSION AVEC IDENTIFICATION PAR RADIOFREQUENCE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200313864 A1 20030220 (WO 0313864)

Application: WO 2002AU913 20020709 (PCT/WO AU0200913)

Priority Application: US 2001922047 20010806

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 141831

Fulltext Availability:

Detailed Description

Detailed Description

... storage device. At some later time, the image or images which have been captured are **down loaded** to a computer device and printed out

for viewing. The digital camera has the disadvantage...evolve. Different ACP 31 chip designs may be fabricated by different manufacturers, without requiring to **license** or port the CPU core. This device independence avoids the chip vendor lock-in such...

16/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00885433 **Image available**

**SYSTEM AND METHOD FOR PREVENTING UNAUTHORIZED ACCESS TO ELECTRONIC DATA
SYSTEME ET PROCEDE DESTINES A PREVENIR L'ACCES NON AUTORISE A DES DONNEES
ELECTRONIQUES**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200219611 A1 20020307 (WO 0219611)

Application: WO 2001US26931 20010831 (PCT/WO US0126931)

Priority Application: US 2000229934 20000901; US 2001792045 20010226

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13993

Fulltext Availability:

Detailed Description

Claims

English Abstract

...with the electronic device. The registration authority (110) has a database of verification data for **verifying** the **license** data stored on the licensing medium and provides updated license data to the licensing medium.

Detailed Description

... electronic device also communicates with a central registration authority that contains a database used to **verify** the **license** data.

2. Related Art

Electronic devices, both wired and wireless, such as personal computers, handheld...server, as discussed in U.S. Patent 6,049,789 (Frison et al). The management **software** **transmits** pay-per-use license requests for the licensed software to a central license management system...

...is configured to communicate with the electronic device. The registration authority has verification data for **verifying** the **license**

data stored on the licensing medium. The registration authority provides updated license data to the...

...features. The electronic device may verify the validity of the licensing medium by comparing the **license** data to the **verification** data of the registration authority.

The licensing medium may store a license data message digest produced by performing a hash of the **license** data. The **verification** data may include a copy of the license data message digest. The electronic device may...

...keys associated with the registration authority. The verification data may include a copy of the **encrypted license** data message digest. The electronic device may verify the validity of the licensing medium by comparing the **encrypted license** data message digest to the copy of the **encrypted license** data message digest in the verification data of the registration authority.

The electronic device may verify the validity of the **licensing** medium by **decrypting** the **license** data message digest read from the licensing medium using a public key associated with the...

...licensing medium when the identifier sent with the registration information corresponds to one of the **authorized** identifiers.

The **licensing** medium may be a smart card having a memory. The smart card also may have...configured to communicate with the electronic device. The registration authority has a first database of **verification** data for **verifying license** data stored in a second **verification** database. A **license** manager is configured to communicate with the electronic device and the registration authority.

The license manager has a second database of verification data for **verifying** the 25 **license** data stored on the licensing medium. The license manager provides updated license. data to the...

...validity of the licensing medium by comparing the license data to the second database of **verification** data of the **license** manager. The **license** manager may **verify** the validity of the second database of verification data by comparing it to the first...

...digest to the copy of the license data message digest in the second database of **verification** data of the **license** manager.

The license data message digest may be encrypted with a private key associated with...

...the license manager. The second database of verification data may include a copy of the **encrypted license** data message digest.

The electronic device may verify the validity of the licensing medium by comparing the **encrypted license** data message digest to the copy of the **encrypted license** data message digest in the second database of **verification** data of the **license** manager.

The electronic device may verify the validity of the **licensing** medium by **decrypting** the **license** data message digest read from the licensing medium using a public key associated with the...

...authorized identifiers that allow access to the electronic data. The registration authority may provide updated **verification** data to the

code for providing license data received from the license manager to the licensing...

...device,
code for determining whether to allow access to the electronic data based on the **license** data,
code for **verifying** , by communicating with a registration authority having a first **verification** database, the **license** data stored in a second verification database,
code for **verifying** the **license** data stored on the licensing medium by communicating with a license manager having the second...

...authority,
code for providing updated verification data received from the registration authority -to the second **verification** database of the **license** manager, and
code for providing license data received from the license manager to the licensing...

16/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00838321 **Image available**

METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR MANAGING ROUTING AND DATABASE SERVERS AND SERVICES

PROCEDE, SYSTEME ET PRODUIT DE PROGRAMME INFORMATIQUE POUR LA GESTION DE SERVEURS ET SERVICES DE ROUTAGE ET DE BASES DE DONNEES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200172025 A2 20010927 (WO 0172025)

Application: WO 2001US8572 20010316 (PCT/WO US0108572)

Priority Application: US 2000527915 20000317; US 2000527920 20000317

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 82398

Fulltext Availability:

Detailed Description

Detailed Description

... FIG. 30 shows the Protocol Configuration screen for the Dialogic Configuration Manager for Dialogic System **Software** .

FIG. 31 shows a welcome screen for the driver setup program for Dialogic System...a voice communication over the Internet system. For convenience, this method, system, and/or computer **program** product according to the present invention is also referred to herein as simply a "product...and components.

Furthermore, FIGS. 23 - 41 are described with respect to the installation of computer **software** components of the present invention. FIGS. 42 - 66 are described with respect to the configuration...to be able to download the DNA3 drivers from the Dialogic web site.

If one **downloaded** the Dialogic **software** either from Dialogic, one will need to uncompress it into a directory from which one...FIG. 65. This screen contains a License Manager Setting panel 6504 and a List of **encrypted license** keys panel 6506.

There are several common pieces of information that are used regardless of...

...certificate, issued when a user purchased the software.

Product ID. The product ID is a **serial number** which **identifies** the product. Each license key issued is keyed to a Product ID, and will only ...

...locally. In standalone mode, each node should have its own hardware dongle in order to **decrypt license** keys.

License keys can be added and removed from the main License Manager window. This option is...

...and remove license keys. When a user clicks "Add" and enters a license key, the **license** key will be **verified** , and it will either be accepted or denied. If it is accepted, it will appear...Application
This section further discusses the gateway application described in the previous section. The gateway **application** is the main **application** for **delivering** calling services on the gateway server platform. It makes use of all of the capabilities...

16/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00509197 **Image available**

**SYSTEM AND METHOD FOR CONTROLLING ACCESS TO COMPUTER CODE IN AN IC CARD
SYSTEME ET PROCEDE DE COMMANDE D'ACCES A UN CODE D'ORDINATEUR DANS UNE
CARTE A CIRCUIT INTEGRE (IC)**

Patent Applicant/Assignee:

MONDEX INTERNATIONAL LIMITED,

Inventor(s):

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HOCHFIELD Barry,

ROBERTS Dave,

BERIC John,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9940549 A1 19990812

Application: WO 99GB350 19990202 (PCT/WO GB9900350)

Priority Application: US 9873566 19980203

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG

Publication Language: English

Fulltext Word Count: 14281

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... the encryption algorithm cannot be used outside its borders. Thus, it would be advantageous to **disable** the encryption primitive for that **application** if a country's laws prohibit that type of data being encrypted and exported. This selective...provider received permission from the government of Country A (export license) and Country B (use **license**) to use the **encryption** primitive. Upon showing of the certificate, the card operator enables the access flag bit. In...

Claim

... injected keys when it was manufactured, and 4 bytes comprise an Integrated Circuit Card (ICC) **serial number** which **identifies** the individual card produced at the particular MISM.

SUBSTITUTE SHEET (RULE 25)

ANNEX A TO...of transmitting data between two entities. In the present IC card system, the process of **transmitting** the **application program** and data ensures that only IC cards containing the proper personalization data and which fit...the checks fails, then a failure response 6 1 0 is given and the process **aborts**. The **application** after it has passed these checks will be loaded into the memory of the card...user could also receive a personalized card with no applications and then select a desired **application** over a common **transmission** line such as a telephone line or Internet connection. Figure IO is a system diagram...

16/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00385055 **Image available**

SYSTEM FOR CONTROLLING ACCESS AND DISTRIBUTION OF DIGITAL PROPERTY
SYSTEME PERMETTANT D'AGIR SUR L'ACCES A LA PROPRIETE NUMERIQUE ET SUR SA
DIFFUSION

Patent Applicant/Assignee:

THE MITRE CORPORATION,

Inventor(s):

SCHNECK Paul B,

ABRAMS Marshall D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9725798 A1 19970717

Application: WO 97US8 19970109 (PCT/WO US9700008)

Priority Application: US 96584493 19960111

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS
JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 20110

Fulltext Availability:

Detailed Description

Detailed Description

... rules include various forms of
validity checking and identification information such
as version number 127, **authentication** data 128, **license**
number 130, intellectual property identifier 132, first
and last valid generations of the product 134...the license.

Last valid generation of Defines extent of
the product 136. validity of the **license** .

Encrypted data key 138. Key to access the data.

Standard permissions 140. List of basic access...the first rules being
processed for this data set (step S734): If so, obtain
and **validate** the **serial number** , SN, of the system
(steps S736 and S738). Then calculate the rule
encrypting key KR as a function of the **validated serial**
number (K, = f (SN) , for some appropriate function f
(step S740). Function f may, for example...user can access an element
of the data.

The operating system is notified of the .

termination (normal or otherwise) of each **program** so
that it may close any files opened by the program.

Because it is possible...can
verify that the contents of the hyperlink were captured
by access mechanism 114 and **delivered** unchanged.

Controlling Use of Executable **Software**

Control of Primary Distributions

The invention enables the creator of executable

software to restrict the...owner to make copies easily available on a network server in encrypted form. Users may **download** the executable **software** and then separately purchase the rights to utilize the executable software. Thus, a standard purchase...

...an alternative action is chosen. The system may itself take certain actions including, for example, **terminating** a **program** or erasing data, when authorization is denied. As executable software is distributed in encrypted form...

?

17/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015293141 **Image available**
WPI Acc No: 2003-354075/200333
XRPX Acc No: N03-282940

Wireless application protocol (WAP) transmitting method for wireless device, involves transmitting dynamically generated wireless markup language code to wireless device through WAP gateway
Patent Assignee: OPTIMICRO TECHNOLOGIES INC (OPTI-N); FUNG E (FUNG-I); HO R (HORR-I)

Inventor: FUNG E ; HO R
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030054806	A1	20030320	US 2001312071	P	20010815	200333 B
			US 2002219952	A	20020815	
CA 2355203	A1	20030214	CA 2355203	A	20010814	200333 N

Priority Applications (No Type Date): US 2001312071 P 20010815; US 2002219952 A 20020815; CA 2355203 A 20010814

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20030054806 A1 41 H04M-003/42 Provisional application US 2001312071
CA 2355203 A1 E H04Q-007/20

Wireless application protocol (WAP) transmitting method for wireless device, involves transmitting dynamically generated wireless markup language code to wireless device...
Inventor: FUNG E ...

... HO R

Abstract (Basic):
... 1) WAP application transmitting system...

...For transmitting wireless application protocol to wireless device such as mobile or cellular telephone, pagers, personal digital assistant (PDA...

17/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00910739 **Image available**
METHOD AND SYSTEM AUTOMATICALLY TO QUALIFYING A PARTY TO PARTICIPATE WITHIN A NETWORK-BASED COMMERCE TRANSACTION
PROCEDE ET SYSTEME DE QUALIFICATION AUTOMATIQUE D'UNE PARTIE A PARTICIPER A UNE TRANSACTION COMMERCIALE SUR RESEAU

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(Residence), US (Nationality), (Designated only for: US)
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, US, US (Residence), IL (Nationality), (Designated only for: US)
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Legal Representative:

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7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200244860 A2-A3 20020606 (WO 0244860)
Application: WO 2001US46426 20011130 (PCT/WO US0146426)
Priority Application: US 2000250637 20001130; US 2001881911 20010615

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12898

Patent Applicant/Inventor:

... Designated only for: US)

FUNG Elaine ...

Fulltext Availability:

Detailed Description

Detailed Description

... at least partially, within the main memory 1904 and/or within the
processor 1902.

The **software** 1924 may further be **transmitted** or received via the
network interface device 1920. For the purposes of this specification,
the...

17/3,K/3 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2006 Thomson Derwent. All rts. reserv.

015293141 **Image available**

WPI Acc No: 2003-354075/200333

XRPX Acc No: N03-282940

Wireless application **protocol (WAP)** transmitting **method for wireless**

Sylvia Keys

10-Feb-06 06:19 PM

device, involves transmitting dynamically generated wireless markup language code to wireless device through WAP gateway
Patent Assignee: OPTIMICRO TECHNOLOGIES INC (OPTI-N); FUNG E (FUNG-I); HO R (HRR-I)

Inventor: FUNG E ; HO R

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030054806	A1	20030320	US 2001312071	P	20010815	200333 B
			US 2002219952	A	20020815	
CA 2355203	A1	20030214	CA 2355203	A	20010814	200333 N

Priority Applications (No Type Date): US 2001312071 P 20010815; US 2002219952 A 20020815; CA 2355203 A 20010814

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030054806	A1	41	H04M-003/42	Provisional application US 2001312071

CA 2355203 A1 E H04Q-007/20

Wireless application protocol (WAP) transmitting method for wireless device, involves transmitting dynamically generated wireless markup language code to wireless device...

Inventor: FUNG E ...

... HO R

Abstract (Basic):

... 1) WAP application transmitting system...

...For transmitting wireless application protocol to wireless device such as mobile or cellular telephone, pagers, personal digital assistant (PDA...

?

File 256:TECINFOSOURCE 82-2005/DEC
(c) 2006 INFO.SOURCES INC
File 2:INSPEC 1898-2006/Jan W3
(c) 2006 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2006/Jan
(c) 2006 ProQuest Info&Learning
File 65:Inside Conferences 1993-2006/Feb W1
(c) 2006 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jan
(c) 2006 The HW Wilson Co.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 474:New York Times Abs 1969-2006/Feb 09
(c) 2006 The New York Times
File 475:Wall Street Journal Abs 1973-2006/Feb 09
(c) 2006 The New York Times
File 8:Ei Compendex(R) 1970-2006/Jan W5
(c) 2006 Elsevier Eng. Info. Inc.
File 94:JICST-Eplus 1985-2006/Nov W4
(c)2006 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2006/Jan W5
(c) 2006 NTIS, Intl Cpyrght All Rights Res.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34:SciSearch(R) Cited Ref Sci 1990-2006/Feb W1
(c) 2006 Inst for Sci Info

Set	Items	Description
S1	35035	(DOWNLOAD? OR UPLOAD? OR (UP OR DOWN)()LOAD? OR TRANSMIT? - OR TRANSMISS? OR DELIVER?) (5N) (SOFTWARE OR APPLICATION OR APP OR APPS OR PROGRAM? ?)
S2	451	LICENS?(3N) (AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS? OR VERI- F?)
S3	37	LICENS?(3N) (ENCRYPT? OR DECRYPT?)
S4	72	(SERIAL()NUMBER? ?) (5N) (MATCH? OR IDENTIF??? OR CONFIRM? OR RECOGNI?)
S5	17	(SERIAL()NUMBER? ?) (5N) (AUTHENTICAT? OR VERIF? OR VALIDAT?)
S6	0	(SERIAL()NUMBER? ?) (5N) (CREAT? ? OR CREATING)
S7	8633	(DISABL? OR ABORT? ? OR DISCONNECT? OR TERMINAT? OR HALT? ? OR DISENGAG? OR STOP? ? OR STOPPING) (5N) (SOFTWARE OR APPLICA- TION OR APP OR APPS OR PROGRAM? ?)
S8	0	XYBO()SYSTEM?
S9	1674	AU=(HO, R? OR HO R? OR FUNG, E? OR FUNG E?)
S10	1	S1 AND (S2 OR S3)
S11	0	S1 AND (S4 OR S5)
S12	6	S1 AND (SERIAL()NUMBER? ?)
S13	120	S1 AND S7
S14	0	S13 AND (SERIAL()NUMBER?)
S15	4	S13 AND LICENS?
S16	4	S15 NOT S12
S17	1	S9 AND S1

10/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:TECINFOSOURCE
(c) 2006 INFO.SOURCES INC. All rts. reserv.

01204358 DOCUMENT TYPE: Product

PRODUCT NAME: Privilege (204358)

Aladdin Knowledge Systems Ltd (626252)
15 Beit Oved St
Tel Aviv, IS 61110 Israel
TELEPHONE: () 036-362222

RECORD TYPE: Directory

CONTACT: Sales Department

Aladdin (R) Knowledge Systems' Privilege allows software publishers to manage the distribution of applications to customers. It includes CD, Web, and peer-to-peer (P2P) network distribution features. Employing the system, companies can reduce distribution costs and protect intellectual property. Privilege integrates with e-commerce sites and online shopping carts. The system's Usage Builder component protects executables from tampering. The module supports the definition of license terms. It also allows users to customize trialware. The Privilege Commerce Server handles customer support and activation processes. The Privilege Storefront Integration Package includes application programming interfaces (APIs) that allow e-commerce sites to retrieve activation codes from the Privilege Commerce Server. A client component allows customers to activate software **licenses**. Privilege includes **encryption**, software locking, serial number management, interruptable **software download**, and other features.

DESCRIPTORS: Copyrights; Digital Rights Management; Distributors;
Electronic Software Distribution; File Security; Network Administration
; Network Software; Software Marketing

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Software Companies, Software Distributors, Networks
PRICE: Available upon request

REVISION DATE: 20040713

12/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:TECINFOSOURCE
(c) 2006 INFO.SOURCES INC. All rts. reserv.

01204358 DOCUMENT TYPE: Product

PRODUCT NAME: Privilege (204358)

Aladdin Knowledge Systems Ltd (626252)
15 Beit Oved St
Tel Aviv, IS 61110 Israel
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RECORD TYPE: Directory

CONTACT: Sales Department

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DESCRIPTORS: Copyrights; Digital Rights Management; Distributors;
Electronic Software Distribution; File Security; Network Administration
; Network Software; Software Marketing

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Software Companies, Software Distributors, Networks
PRICE: Available upon request

REVISION DATE: 20040713

12/5/2 (Item 2 from file: 256)
DIALOG(R)File 256:TECINFOSOURCE
(c) 2006 INFO.SOURCES INC. All rts. reserv.

01133213 DOCUMENT TYPE: Product

PRODUCT NAME: Stealth Signal (133213)

Stealth Signal Inc (731285)
5419 Shady Maple Dr #100
Houston, TX 77339 United States
TELEPHONE: (281) 913-2010

RECORD TYPE: Directory

Sylvia Keys

10-Feb-06 06:24 PM

CONTACT: Sales Department

Stealth Signal's Stealth Signal is computer asset protection product that allows users to track the location of desktop and laptop systems. The **program** features an invisible, **software** -based **transmitter** that sends homing signals to Stealth Signal's monitoring network. Signals can be sent through telephone modem, cable modem, DSL, ISDN, LAN, or other connections. The homing transmissions include status and physical location information, allowing security agents and local authorities to locate and recover stolen property. Whenever computers are connected to the Internet, the transmitter automatically forwards information to Stealth Signal's control center. Stealth Signal's asset management component works with the transmitter, letting organizations track model, **serial number**, manufacturer, free space, memory, CPU, operating system, and other computer information. The system also includes the Stealth Signal Security Tag, which warns thieves that security measures are in place. Each tag is printed with a scannable barcode, which speeds the identification of multiple computers. The program works with a wide range of personal and corporate firewall products.

DESCRIPTORS: Building Security; Computer Equipment; Computer Security;
Laptops; Location Awareness; Office Security; System Monitoring

HARDWARE: Apple Macintosh; IBM PC & Compatibles
OPERATING SYSTEM: MacOS; MacOS X; Windows; Windows NT/2000; Windows XP
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry
PRICE: Available upon request

REVISION DATE: 20030317

12/5/3 (Item 3 from file: 256)
DIALOG(R) File 256:TECINFOSOURCE
(c) 2006 INFO.SOURCES INC. All rts. reserv.

01131113 DOCUMENT TYPE: Product

PRODUCT NAME: SellWise (131113)

CAP Automation (242527)
3500 Marquita Dr
Fort Worth, TX 76116 United States
TELEPHONE: (817) 560-8139

RECORD TYPE: Directory

CONTACT: Sales Department

CAP Automation's SellWise is a retail store manager that now includes point-of-sale (POS) and back-office processing features. SellWise provides users with **serial number** tracking, layaway management, customizable product discount, accounts receivable, exception reporting, online help, and other features. The solution can scale to support 1,000 stores. Employing Crystal Reports, it also generates a variety of reports. SellWise's 100 filters support the efficient construction of customer and product databases. Filters also track price adjustments. The system works with BusinessWorks, AccPac, and other accounting programs, as well as with NCR Falcon, IBM SureOne, and CAP MiniTill hardware devices. It supports a wide range of barcode scanner, printer, cash drawer, customer displace,

Sylvia Keys

10-Feb-06 06:24 PM

magnetic stripe reader, and other peripherals. SellWise can graph stock movement and sales. It also includes tag printing and customer preference tracking features. A demonstration version of the **program** can be **downloaded** from the CAP Automation Web site.

DESCRIPTORS: Barcoding; Order Fulfillment; Point of Sale; Retailers; Sales Analysis; Sales Force Automation

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: DOS; Windows
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry
DATE OF RELEASE: 01/1991
PRICE: Available upon request; Internet demo available

DOCUMENTATION AVAILABLE: Online documentation
REVISION DATE: 20030228

12/5/4 (Item 1 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2006 The New York Times. All rts. reserv.

07827056 NYT Sequence Number: 777285001021
A FILIPINO LINKED TO 'LOVE BUG' TALKS ABOUT HIS LICENSE TO HACK
Landler, Mark
New York Times, Col. 2, Pg. 1, Sec. C
Saturday October 21 2000
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:

Onel de Guzman, 24-year-old computer-knowledgeable Filipino, admits to creating computer viruses but claims uncertainty as to whether 'Love Bug' virus that plagued computers globally is one he designed; it has caused estimated \$10 billion damage; Philippine authorities filed theft and other charges against de Guzman, but dropped them because of insufficient evidence; de Guzman says he no longer hacks, but he still practices 'cracking,' which he describes as gaining unauthorized access to passwords, **serial numbers** and other numeric codes so he can **download** unlicensed **software** from Internet, rather than paying for it; photo (M)

SPECIAL FEATURES: Photo
DESCRIPTORS: Computers and the Internet; Computer Security; Biographical Information; Computer Software; Computers and the Internet
PERSONAL NAMES: Landler, Mark; De Guzman, Onel
GEOGRAPHIC NAMES: Philippines

12/5/5 (Item 2 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2006 The New York Times. All rts. reserv.

07683510 NYT Sequence Number: 454001990429
INTEL GOES TO BATTLE AS ITS EMBEDDED SERIAL NUMBER IS UNMASKED
Markoff, John
New York Times, Col. 2, Pg. 1, Sec. C
Thursday April 29 1999
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:

Intel Corp, in aggressive move against Zero-Knowledge Systems's publication on its Web site of program designed to show hidden **serial number** on Intel's Pentium III processor can be read without owner's realizing it, has gotten Symantec Corp to include program on its list of dangerous programs; as result, users of Symantec's Norton antivirus software who visit site get warning that they are about to **download** virus; Zero-Knowledge, which develops **software** that enables Web surfers to protect their identity, holds Intel unfairly portrays it as outlaw; **serial number** is volatile issue for Intel (M)

COMPANY NAMES: Intel Corp; Zero-Knowledge Systems; Symantec Corp
DESCRIPTORS: Computers and the Internet; Computer Chips; Computer Security ; Privacy; Computers and the Internet
PERSONAL NAMES: Markoff, John

12/5/6 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2006 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0692492 NTIS Accession Number: AD-906 190/4/XAB

UHF Command/Satellite Transceiver AN/ARC-151

(Final technical rept. 15 May 69-6 Sep 72)

Myers, J. B. ; Snyder, H. Z. ; Donaldson, C. D.

Electronic Communications Inc St Petersburg Fla

Corp. Source Codes: 126200

Report No.: ECI-1-P-RF-536-0; AFAL-TR-72-324

Dec 72 88p

Journal Announcement: GRAI7814

Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

Contract No.: F33615-69-C-1818; AF-687J

This report describes work on a UHF Command/Satellite Transceiver. The Radio Set is compatible and interchangeable with the AN/ARC-34(). In addition, the Radio Set is compatible with the space requirements of the AN/ARC-27(), AN/ARC-51(), and AN/ARC-109(). The set provides two-way AM voice, secure voice, FM voice, digital data, ADF, automatic relaying, FSK and satellite communications. Two Radio Sets were built, tested, and delivered as part of this UHF Command/Satellite Transceiver Program. The two Radio Sets were originally shipped as identically configured AN/ARC-151(V)(XA-1) Radio Sets. Later, a modification to one of the originally shipped Radio Sets was requested which deleted the Link 4 Line-of-Sight FSK Mode and incorporated a TTY 75 bps FSK Satellite Mode. Radio Set AN/ARC-151(V)(XA-1), **serial number** 00002, was modified, tested, renomenclatured Radio Set AN/ARC-151(V)(XA-2), and **delivered** as part of this **program**. (Author)

Descriptors: *Transmitter receivers; *Communication satellites(Active); *Radio receivers; *Radio transmitters; Ultrahigh frequency; Voice communications; Secure communications; Command and control systems; Radio relay systems; Frequency shift keyers; Frequency modulation; Semiconductor devices; Frequency synthesizers; Electromagnetic compatibility; Radio interference; Reliability(Electronics); Modules(Electronics)

Identifiers: *An/arc-151; An/arc-109; An/arc-34; An/arc-51; Digital communications; NTISDODXD

Section Headings: 45C (Communication--Common Carrier and Satellite); 84C

16/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03012980 INSPEC Abstract Number: C83011345

Title: EDP and the law: The objective is to get to the source

Author(s): Mersich, D.

Journal: Canadian Datasystems vol.14, no.12 p.63

Publication Date: Dec. 1982 Country of Publication: Canada

CODEN: CNDSAE ISSN: 0008-3364

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: Object code users recognize that their EDP operations are completely dependent upon getting uninterrupted support from the vendor. Without it, they are unable to debug, and soon find that their operations come to a grinding halt. However, this support can stop for a variety of reasons. This article describes how to safeguard program support by entering into a software trust or an escrow agreement. A software trust or escrow is a legally binding agreement signed by three parties; the vendor, user and trustee. It requires the trustee to hold **program** materials and **deliver** them to the user if the vendor stops support, or to return them to the vendor once the **software license** expires or is **terminated**. (

0 Refs)

Subfile: C

Descriptors: computer facilities; DP management

Identifiers: law; EDP operations; program support; software trust

Class Codes: C0310B (Computer facilities)

16/5/2 (Item 1 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2006 The New York Times. All rts. reserv.

01019740 NYT Sequence Number: 057681800723

(FCC eliminates 2 major regulations that have limited programs that cable TV can offer its viewers. Allows cable systems to carry as many stations from outside their franchise areas as they, or their viewers, want. Ends rules that allow broadcasters to stop cable operators from televising same programs that are presented by local stations. Under change, cable stations will be able to pick up programs from outside their own areas and transmit syndicated programs that have been purchased by independent stations or network affiliates. FCC has almost completely deregulated cable industry. National Association of Broadcasters pres Vincent T Wasilewski and Motion Picture Association of America pres Jack Valenti oppose FCC decision. FCC Chmn Charles D Ferris and Comr Joseph R Fogarty support it (M).)

SULZBERGER, ARTHUR OCHS, JR

New York Times, Col. 4, Pg. 1

Wednesday July 23 1980

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

COMPANY NAMES: MOTION PICTURE ASSN OF AMERICA (MPAA); COMMUNICATIONS COMMISSION, FEDERAL; BROADCASTERS, NATIONAL ASSN OF (NAB)

DESCRIPTORS: TELEVISION AND RADIO; CABLE TELEVISION; FRANCHISES AND **LICENSING** AGREEMENTS; LAW AND LEGISLATION (FEDERAL); STATIONS AND NETWORKS; PROGRAMS

PERSONAL NAMES: SULZBERGER, ARTHUR OCHS, JR; FOGARTY, JOSEPH R (COMR); FERRIS, CHARLES D (CHMN); VALENTI, JACK; WASILEWSKI, VINCENT T

16/5/3 (Item 2 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2006 The New York Times. All rts. reserv.

00774957 NYT Sequence Number: 045735770701

(Article on battle between WNYC and WCCO over WNYC's application to FCC to move its transmitter from Bklyn to Staten Island and boost power. WNYC's AM signal cannot reach all parts of city at night because it must be beamed away from Minneapolis, home of WCCO. AM signals travel long distances at night, and WNYC's signal can then interfere with WCCO's, which is broadcast on same frequency. WCCO, which has clear-channel license for frequency, opposes WNYC's application and seeks halt to night broadcasts, which even now interfere with its signal in parts of country. Case has been before FCC since '42, and decision is not expected for another 2 yrs. WNYC dir Arnold Labaton and WCCO atty Peter Shuebruk comment (M).)

DEMBART, LEE
New York Times, Col. 3, Pg. 1, Sec. 2
Friday July 1 1977
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

COMPANY NAMES: WCCO; WNYC; COMMUNICATIONS COMMISSION, FEDERAL (FCC)
DESCRIPTORS: RADIO STATIONS AND PROGRAMS; STATIONS AND NETWORKS;
TELEVISION AND RADIO
PERSONAL NAMES: DEMBART, LEE; LABATON, ARNOLD; SHUEBRUK, PETER.
GEOGRAPHIC NAMES: MINNEAPOLIS (MINN); NEW YORK CITY

16/5/4 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2006 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0983603 NTIS Accession Number: AD-D009 606/5/XAB

Transmission Disconnect

(Patent Application)

Palazzolo, F. D. ; Magnuson, R. A. ; Aoki, E.

Department of the Army, Washington, DC.

Corp. Source Codes: 000137000; 109900

Report No.: PAT-APPL-6-370 306

Filed 21 Apr 82 9p

Languages: English Document Type: Patent

Journal Announcement: GRAI8225

This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of application available NTIS. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

Country of Publication: United States

The patent **application** relates to an engine- **transmission disconnect** mechanism that includes mating splines and spline grooves on a drive collar-shaft assembly. End areas of selected splines are set back from the collar-shaft interface to facilitate meshed engagement of the splines and grooves when the engine is operated. The mechanism can be shifted between the connect and disconnect modes while the engine is running. (Author)

Descriptors: *Patent applications; *Drive shafts; *Disconnect fittings; Military vehicles; Transmissions(Mechanical); Maintenance; Alignment;

17/5/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

04762432 E.I. No: EIP97073736436

Title: System verification test of serial infrared communications software

Author: Ho, D.; Ho, R.

Corporate Source: Northern Telecom Canada Ltd and IBM Canada Ltd, Can
Conference Title: Proceedings of the 1997 1st International Conference on Software Quality Engineering, SQE

Conference Location: Udine, Italy Conference Date: 199705

E.I. Conference No.: 46673

Source: Proceedings of the International Conference on Software Quality Engineering, SQE 1997. Computational Mechanics Publ, Southampton, Engl. p 345-354

Publication Year: 1997

CODEN: 002630

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications)

Journal Announcement: 9709W2

Abstract: Serial Infrared (SIR) communications use an infrared (IR) signal path for computer and devices to communicate in a Universal Asynchronous Receiver or Transmitter UART-based wireless manner. The Infrared Data Association (IrDA) has defined specifications for the SIR physical layer, link access protocol, and link management protocol. IBM has developed SIR adapters that adhere to the IrDA standard, and has integrated the SIR driver with an application that coordinates the transfer and management of files between desktop and laptop computers. This report captures the experience of the IBM Microelectronics Toronto Laboratory in system verification test (SVT) of the communications software. It introduces the basics of SIR communications and describes our test configuration. Procedures and results for basic tests, exception tests, loading tests, and compatibility tests will be discussed. The report will conclude with the defect tracking model, key challenges, lessons learned, and future directions in testing SIR communications. The experience was based on 2.5 months of solid work from a team of 4 people, contributing a total of 5 person-months of effort. Since little prior experience was available, test scenarios were designed from scratch. In addition, there were insufficient test tools to automate the SVT. Our experience would benefit others in understanding the test practices on SIR technology.
(Author abstract) 7 Refs.

Descriptors: *Software engineering; Computer testing; Computers; Signal receivers; Transmitters; Network protocols; Personal computers

Identifiers: System verification test; Serial infrared communications software ; Universal asynchronous receiver or **transmitter** ; Link access protocol; Link management protocol

Classification Codes:

723.1 (Computer Programming); 722.4 (Digital Computers & Systems)

723 (Computer Software); 722 (Computer Hardware); 716 (Radar, Radio & TV Electronic Equipment)

72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)